



GUJARAT INDUSTRIES POWER COMPANY LIMITED's

Request For Proposal (RFP)

For

Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol – Valia Mines site.

E- Tender No: GIPL/GIPCL_RFID/25-26/01

From:

Gujarat Industries Power Company Limited (GIPCL)

P.O. Ranoli – 391 350.

District: Vadodara, Gujarat.

E-mail: krmishra@gipcl.com; dbjani@gipcl.com; projects@gipl.net



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SECTION A - SCHEDULE TENDER NOTICE:

E- Tender No: GIPL/GIPCL_RFID/25-26/01

Item Description	Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol – Valia Mines site.
Location details	As per Section M - Annexure A.
Contract Period	06 Months of Go-Live Period +01 Year Warranty comprised of 03 months of Hand-holding (stabilization) Period + 04 Years CAMC Period.
Tender fees (Non-refundable)*	Rs. 5,900/- (Rupees Five Thousands Nine Hundred Only) including GST submitted through Demand Draft (DD) / NEFT/ RTGS issued by banks as mentioned on the completion of this notice. Tender Fees in the form of DD shall be submitted in the physical bid in favor of “Gujarat Industries Power Company Limited” payable at Vadodara whereas NEFT / RTGS shall be submitted on or before last date of online bid submission. Bidder has to upload scanned copy of DD OR NEFT / RTGS details on nProcure web portal in the preliminary stage.
Earnest Money Deposit (EMD)*	Rs. 3,50,000/- (Rupees Three Lacs Fifty Thousand Only) should submitted through DD / NEFT / RTGS / Bank Guarantee (BG) issued by banks as mentioned on the completion of this notice. EMD in the form of DD / BG should be submitted in the physical bid in favor of “Gujarat Industries Power Company Limited ” payable at Vadodara . BG should be submitted as per format mentioned in Annexure IX in this tender document. EMD through NEFT / RTGS shall be submitted on or before last date of online bid submission. NOTE: MSME & Start-up bidding entities are not exempted from Tender fees & EMD.
E – Tendering website details:	https://gipcltender.npocure.com/
Online Tender Floating Date	15/07/2025
Offline Pre-Bid meeting*	Date and time: 25/07/2025 at 11:00 Hrs. Venue: Gujarat Industries Power Company Ltd. Post : Ranoli-391 350, Dist: Vadodara, Gujarat-India.
Last Date & Time of online submission of Bid.	05/08/2025 up to 18:00 Hrs.
Last Date & Time of physical submission of EMD & all necessary tender	From 06/08/2025 to 08/08/2025, up to 16:00 Hrs. at GIPL, Gandhinagar.



documents by Registered AD or speed post only.	
Date & Time for opening of Technical Bid	08/08/2025 at 16:15 Hrs. at GIPCL, Vadodara.
Date & Time for opening of Price bid	Will be intimated later to the Technically qualified bidders.
Bid Validity	180 days from the date of bid submission.
Required number of offers	Technical offer <input type="checkbox"/> Technical bid and other forms – online. <input type="checkbox"/> Technical bid (Physical) <ul style="list-style-type: none"> ➤ 1 Original & 1 Duplicate ➤ Tender Fee (Original only). ➤ EMD (Original only). Price offer <input type="checkbox"/> Online Submission only on website https://gipcltender.npocure.com/
Bid Evaluation Criteria (Selection Method)	✓ Quality cum Cost Based Selection (QCBS). Tender will be awarded to that bidder who scored the highest composite (Technical + Commercial) Score. Technical weightage will be of 40% whereas commercial weightage will be of 60%. ✓ If more than one bidders scores the same highest composite (Technical + Commercial) Score then in such case, the bidder who quoted the lowest commercial will be awarded the project.
Joint venture / consortium / sub-contracts	✓ Unincorporated Joint venture / consortium / sub-contracts are not allowed. ✓ Work order / work completion certificates of such joint venture / consortium / sub-contracts will not be considered.
Note: A. At any stage, CLIENT reserves its right to reject any or all received bids or split the job between more than one bidder OR scrap the entire tender without assigning any reason thereof. B. Submission of incorrect / false information, incidents of unprofessional conducts shall be sufficient ground for disqualification of such bid at any stage of the bid evaluation process. C. GIPL/CLIENT will evaluate and compare the bids determined to be substantially responsive. It is GIPL/CLIENT's intent to select the bid that is most advantageous and each bid will be evaluated using the criteria outlined in this RFP document.	

*Bidders who wish to attend the pre-bid meeting through Video Conferencing (VC) mode are required to submit scanned request letter on their company's letterhead. The request must be sent to the e-mail address specified under the *Contact Details* section of this RFP, **at least 72 hours prior to the scheduled commencement of the pre-bid meeting**. The VC meeting link will be shared to only with those bidders who submit the request within the stipulated timeline.



* GIPCL's Bank Details for Tender Fees and EMD only		
1	Bank Name	Indian Overseas Bank
2	Beneficiary Name	Gujarat Industries Power Company Limited
3	Nature of Account	Current
4	Account No.	047302000000404.
5	Branch MICR code number	390020004
6	Bank Branch	Jawahar Nagar
7	I F S C (Indian Financial System code)	IOBA0000473
* GIPCL's Bank Details for Security Deposit only		
1	Bank Name	State Bank of India
2	Beneficiary Name	Gujarat Industries Power Company Limited
3	Nature of Account	CC Account
4	Account No.	10323432215
5	Branch MICR code number	390002030
6	Bank Branch address	Industrial Finance Branch, 3 rd & 4 th Floor MID Town Heights, Jetalpur Road, Vadodara – 390 007.
7	I F S C (Indian Financial System code)	SBIN0001946

Note: Bidders are requested to submit Tender fees / EMD / Security deposit in any form (DD / NEFT / RTGS / Bank Guarantee) issued by all Nationalized Banks, Axis Bank, ICICI Bank, HDFC Bank, Kotak Mahindra Bank, IndusInd Bank, Federal Bank, Bandhan Bank, IDBI Bank, Karur Vysya Bank only. No other banks are allowed other than above list.



SECTION B - DEFINITIONS:

Request for Proposal (RFP) means Formal procurement document in which a service or need is identified with specific method to achieve it.

Addendum means an addendum is issued when supplemental information has been added to the RFP since its original posting.

Corrigendum / Amendment means an amendment / corrigendum is issued when information in the RFP has been changed since its original posting.

CLIENT/Purchaser/GIPCL/Owner means Gujarat Industries Power Company Limited shall include their legal representatives, successors and assigns.

GIPL means Guj Info Petro Limited, a consultant appointed by CLIENT.

Tender / RFP / Project means E-Tender (No: GIPL/GIPCL_RFID/25-26/01) issued for “Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol – Valia Mines site.”

Bidder means a company registered in India submitting a proposal in order to attain a contract with CLIENT.

Bid / Proposal means a formal offer submitted by bidder in response to this RFP.

Successful bidder means a company whose proposal has been accepted by CLIENT.

Service-level Agreement (SLA) means a service contract where the level of service is formally defined between CLIENT & successful bidder.

Work Order OR Contract means an authorization letter issued by CLIENT for engaging successful bidder for implementation of Project within defined stipulated timeline.

SOR – Schedule of Rates

Change in Tax Law shall mean any of the following events, which become effective after the date for submission of the price bid for the Contract.

- ❖ Enactment of any new tax law in India;
- ❖ Modification or repeal of any taxes in India.
- ❖ Any change in the interpretation or enforcement of any tax laws by Government of India or State Government or local authority via issuance of circulars / clarifications by Governmental Authority
- ❖ Increase or decrease in the rate of taxes in force on the date of the bid submission;
- ❖ Change in the basis of computation of taxes in force on the date of the bid submission.



Applicable Laws means all laws, promulgated or brought into force in the whole or in part of territory of India, including regulations and rules made thereunder, including amendments thereof, and judgments, decrees, injunctions, writs and orders of any court of record, as may be in force and effect during the subsistence of this Contract.

Intellectual Property Rights means patents, utility models, registered designs, trademarks, service marks, applications for any of the foregoing and the right to apply for any of the foregoing, design rights, copyright, ownership of inventions, confidential information and know-how and any similar rights.

OEM means an Original Equipment Manufacturer Company that is incorporated in India or abroad, who has management control over the manufacturing / production process, Quality Assurance, Procurement of Raw materials / manufacturing process, inputs, marketing and warranty services of the resultant products of at least one manufacturing facility / factory where the manufacturing of equipment, related accessories as required for project etc. is carried out.

Rates / Prices means Prices of supply, installation, testing, Go-Live & maintenance of goods and services quoted by bidder in Price bid submitted and / mentioned in the work order.

Contract Price means total price payable (inclusive taxes and duties) mentioned in the work order including any addition/deductions made thereafter.

Authorized Signatory means bidder's representative / officer vested (explicitly, implicitly, or through conduct) with powers to commit the authorizing organization to a binding agreement. Also called signing officer / authority having Power of Attorney (PoA) from the competent authority of the respective bidding firm.

SD means Security Deposit.

AMC means Annual Maintenance Contract.

CAMC means comprehensive AMC.

Non-CAMC means Non CAMC.

CGM means Commissioner of Geology and Mining

GPS means Global Positioning System

GPRS means General Packet Radio Services

GILDMS means GIPCL Integrated Lignite/Limestone Dispatch Management System



URS means User Requirement Specifications

SLPP means Surat Lignite/lime Power Plant

SRS means Software Requirements Specifications

IP Camera means Internet Protocol based Camera

CCTV means Closed Circuit Television

CMM means Capability Maturity Model

RFID means Radio Frequency Identification

MIS means Management Information System

OVCD means Over Voltage Cut-off Device



SECTION C - INVITATION FOR BIDS & INSTRUCTIONS TO BIDDERS:

PLANT SYNOPSIS

Gujarat Industries Power Company Limited (GIPCL) is a Premier Power Utility in the State of Gujarat with an installed capacity of 1184.4 MW comprising of various conventional and renewable projects.

GIPCL has commissioned its first power project ; a 145 MW gas based combined cycle power plant in 1992 at Vadodara. It has expanded its capacity 165 MW Naptha and gas based Combined Cycle Power Plant at Vadodara in 1997.

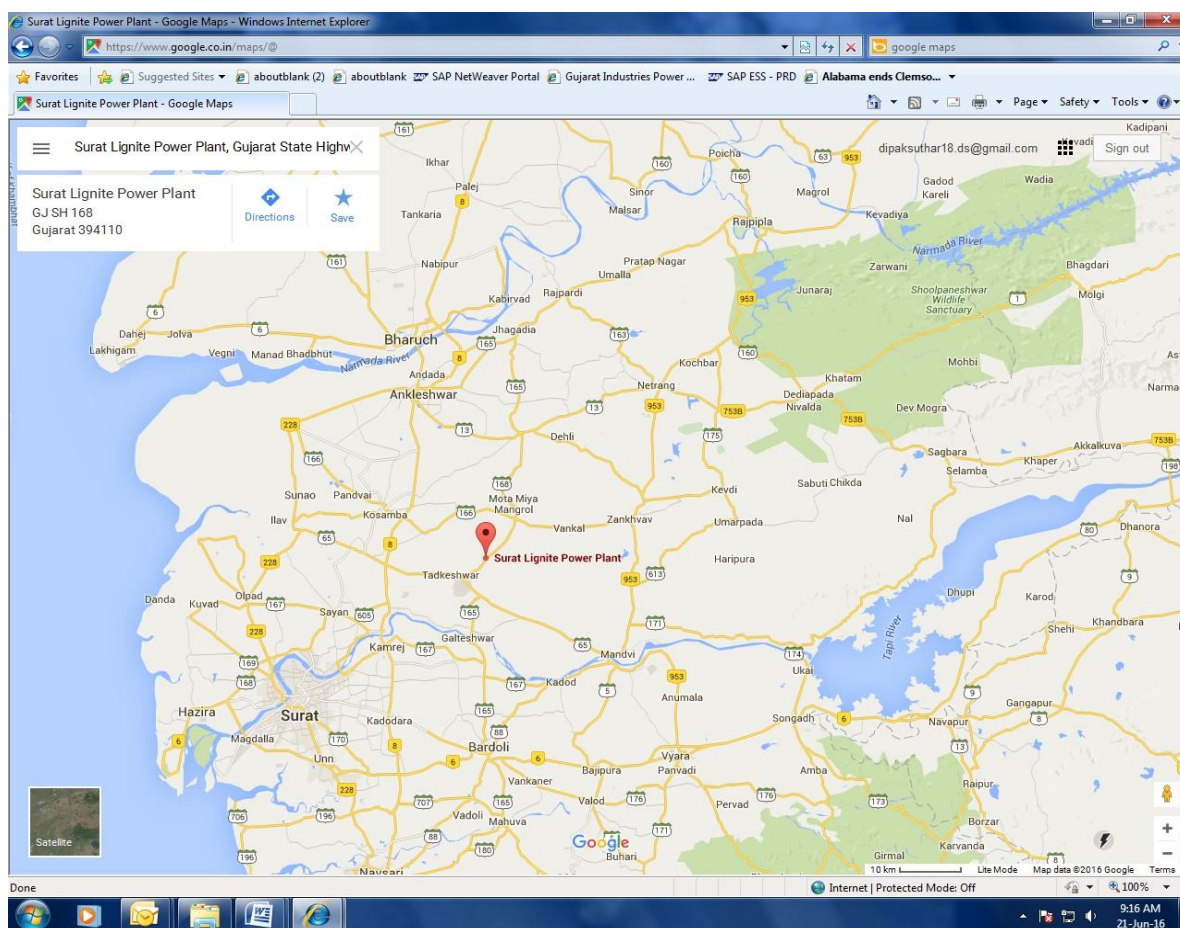
Surat Lignite Power Plant (SLPP) with four units of 125 MW capacity each is located at Village: Nani Naroли, Taluka: Mangrol, District: Surat in Gujarat. GIPCL is also operating its own captive Lignite and Lime Stone Mines close to the Power Plant. The Power Plant is based on Circulating Fluidized Bed Combustion (CFBC) technology for the Boilers, where Lignite is burnt along with Lime Stone in the Combustor of the Boiler.

It has commissioned 5 MW solar power station at SLPP in 2012. Also, GIPCL has commissioned 1MW Distributed Solar Power Projects at two locations in Gujarat viz. at Village: Amrol, Dist: Anand and at Village: Vastan, Taluka Mangrol, Dist.: Surat.

GIPCL has successfully commissioned a 2 x 40 MW Solar Project in 2017 as well as a 75 MW Solar Power Project in 2019 at Gujarat Solar Park, Village Charanka, Dist.: Patan. GIPCL has also successfully commissioned 112.4 MW wind farms at different location of Gujarat. The Company has commissioned the 100 MW Solar Project at the Raghnesda Solar Park, Banaskantha, Gujarat on 10.08.2021. GIPCL has successfully commissioned 25 MW- Phase-1 of 75 MW Group Captive Solar Project at SLPP on 24.04.2025, balance capacity is under advance stage of commissioning.

The Company has also been allotted land for development of a 2375 MW Renewable Energy Park at Khavda in the Kutch district of Gujarat. GIPCL has successfully charged its 1200 MW 400/33 KV GIS Pooling Sub- Station 1 (PSS1) along with the dedicated 400 KV transmission line from CTUIL's KPS-2 on 30.04.2025. GIPCL's 1100 MW Capacity Solar Projects are under construction in its own 2375 MW Khavda RE Park having 25 years Long-term PPA tie-up with GUVNL.

Surat Lignite Power Plant (SLPP) is accessible by road from Kim and Kosamba, which are on Mumbai-Ahmadabad highway. From Kosamba, SLPP is around 32 KM, out of which 27 KM is part of the National & State Highway and balance 5 KM is District Road. From Kim, SLPP is around 18 KM, out of which 13 KM is the State Highway and balance 5 KM is District Road. The nearest Broad Gauge Railway Line is at Kim, which is around 21 KM from the SLPP. Surat is approximately 50 KM from the SLPP. Location Map for SLPP is as under.



1. Invitation for bids

This invitation for bids is for “Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol – Valia Mines site.” At the time of submission of bid document, bidder has to submit

- (i) Non-refundable Tender Fee amounting of **Rs. 5,900/- (Rupees Five Thousands Nine Hundred Only)** including GST in the form of Demand Draft (DD) / NEFT/ RTGS issued by banks as specified in clause of Schedule Tender Notice. Tender Fees in the form of DD shall be submitted in the physical bid in favor of **“Gujarat Industries Power Company Limited”** payable at **Vadodara** whereas NEFT / RTGS shall be submitted on or before last date of online bid submission. Bidder has to upload scanned copy of DD OR NEFT / RTGS details on nProcure web portal in the preliminary stage. Failure to furnish Tender Fees would result in rejection of such bid.
- (ii) Refundable EMD of **Rs. 3,50,000/- (Rupees Three Lacs Fifty Thousand Only)** in the form of Demand Draft / NEFT / RTGS / Bank Guarantee (BG) issued by banks as specified in clause of Schedule Tender Notice. NEFT / RTGS should be submitted on or before last date of online bid submission. DD and BG shall be submitted as a part of the technical bid. Bidder can submit BG as per format mentioned in Annexure IX and in favor of **“Gujarat Industries Power Company Limited ”** payable at **Vadodara**. In case of EMD submitted in form of Bank Guarantee (BG), such BG shall have minimum validity of 240 days from bid submission date plus 90 days of claim period. Failure to furnish EMD would result in rejection of such bid.



1.1 Reserve Rights of CLIENT

CLIENT may for any reasons; add / modify / amend / relax / cancel any terms / conditions / criteria of tender document during any stage of tendering process and such amendments shall be binding on all bidders. CLIENT at its own discretion reserves right to reject any bid, modify or scrap whole tender at any time, without assigning any reason or incurring any liability. To assist in evaluation, comparison and an examination of bids, CLIENT may at its sole discretion, ask bidder for a clarification of its bid including breakup of unit rates etc. The request for clarification and the response shall be in writing. If response to clarification is not received within prescribed timeframe, CLIENT reserves right to make their own reasonable assumptions and take appropriate decision and CLIENT's decision shall be binding on that bidder. CLIENT reserves right to modify / change dates of bid opening / submission / technical presentation at its own discretion and these changes shall be binding on the bidders.

1.2 Due Diligence

Bidder is expected to examine all instructions, forms, terms and specifications mentioned in the tender document. The bid must be precise, complete and in the prescribed format as per requirement of bid document. Failure to furnish all information required by tender document or submission of a bid not responsive to tender's required documents in any respect will be at bidder's risk and may result in rejection of such bid. CLIENT shall at its sole discretion be entitled to determine the adequacy / sufficiency of information provided by bidder.

1.3 Cost of Bidding

Bidder shall bear all costs associated with preparation and submission of its bid. CLIENT in no case will be held responsible or liable for these costs, regardless of conduct or outcome of bidding process.

1.4 Site Visit

- ✓ **It is perquisite and mandatory condition for all interested bidders to visit the power plant and mine site** after downloading the tender copy to understand the location, Truck movement, actual working conditions, compliance related to labour, safety, e-royalty pass issue on behalf of Chief of Geology and Mines etc. Bidder is expected to visit and examine the location of mines with prior permission of CLIENT and its surroundings and obtain all information that may be necessary for preparing the bid at their own interest and cost.
- ✓ The bidders shall examine the site of works and its surroundings at his own responsibility. The bidders shall collect information that may be necessary for preparing the bid. All costs and liabilities arising out of the site visit shall be at bidder's account.
- ✓ Each bidder is expected to get fully acquainted with the local conditions and factors such as historical, geographical, social, political, legal, administrative, and/or infrastructure etc. which would have any effect on the performance of the project and /or the cost.
- ✓ Each bidder is expected to know all conditions and factors, which may have any effect on the execution of the project after issue of work order as described in the bidding documents. CLIENT shall not entertain any request for clarification from the bidder regarding such local conditions.
- ✓ It is bidder's responsibility that such factors have properly been investigated and considered



while submitting the bid proposals and no claim whatsoever including those for financial adjustment to the project awarded under the bidding documents will be entertained by CLIENT. Neither any change in the time schedule of the project nor any financial adjustments arising thereof shall be permitted by CLIENT on account of failure of the bidder to know the local laws / conditions.

- ✓ Bidder is expected to visit and examine the location of mines with prior permission of CLIENT and its surroundings and obtain all information that may be necessary for preparing the bid at their own interest and cost.
- ✓ **Ignorance of site conditions shall not be accepted by CLIENT as basis for any claim for compensation.** The submission of a bid by bidder will be construed as evidence that such an examination was made. Any later claims / disputes in regard to rates quoted shall not be entertained or considered by CLIENT.
- ✓ The rates quoted by bidder shall be based on his own knowledge and judgment of the conditions and hazards involved and shall not be based on any representations of CLIENT's local designated official / authority.
- ✓ **Site visit needs to be certified by CLIENT official. Bids without site visit certificate will not be considered for evaluation.**

1.5 Offline Pre-Bid meeting

Date and time: 25/07/2025 at 11:00 Hrs.

Venue: Gujarat Industries Power Company Ltd.
Post : Ranoli-391 350, Dist. : Vadodara, Gujarat-India.

Bidders who wish to attend the pre-bid meeting through Video Conferencing (VC) mode are required to submit scanned request letter on their company's letterhead. The request must be sent to the e-mail address specified under the **Contact Details** section of this RFP, **at least 72 hours prior to the scheduled commencement of the pre-bid meeting**. The VC meeting link will be shared to only with those bidders who submit the request within the stipulated timeline.

2. Guidelines / Preparations of Bids

2.1 Language of bid

The bid prepared by bidder, as well as all correspondence and documents relating to the bid exchanged by bidder and CLIENT shall be written in English language only.

2.2 Qualification of the Bidder

Bidder has to upload softcopy of all documents (in pdf format) related to Pre-Qualification criteria, technical bid and other supporting requirements only on E-Tendering website <https://gipcltender.npocure.com/> and submit all the above mentioned documents in physical mode in a separate envelop along with Tender fees and EMD clearly describing **“E-Tender No: GIPL/ GIPCL_RFID/25-26/01 - Technical Bid”** at below mentioned address:

Kind Attn: Chief Executive Officer
To,



Guj Info Petro Limited,
2nd Floor, Block No: 15,
Udyog Bhavan, Sector - 11,
Gandhinagar – 382 011, Gujarat, India.

- ✓ The bidder shall submit an undertaking stating (i) compliance with technical specifications of RFP and (ii) there will be no deviation with all terms and conditions of tender document. In case, bidder fails to submit entire relevant documentary evidences, his bid is liable for rejection by CLIENT without assigning any reason thereof.
- ✓ Bidder shall also include an undertaking from respective OEMs on availability of spare parts for a period of 05 years from project Go-Live date at a reasonable rate. The spare parts and other necessary installations for keeping whole system operational shall be provided and installed by bidder. It is bidder's responsibility to maintain and operate whole system during 05 years of period after project Go-Live. No payment shall be made for spares and other necessary installation to be provided and for maintaining and operating whole system during warranty period and Comprehensive AMC period.
- ✓ Bidder should submit followings documents from respective product OEMs:
 - Authorization for bidder
 - Confirming that quoted products are not "End of life"
 - Undertaking to service and support including spares, patches for quoted Products and/or upgraded version shall be available for next 05 years.



SECTION D – ESTIMATED BILL OF MATERIAL:

Sr. No	Description	Unit of Measurement (UoM)	Estimated Qty.
A	Weighbridge and Boom Barrier		
1	UHF RFID Reader with related all Accessories	Nos.	51
2	UHF RFID Tag	Nos.	1,000
3	IP CCTV- Bullet Camera with IR illuminator with Material Verification Analytics	Nos.	20
4	IP CCTV- PTZ Camera with IR illuminator	Nos.	11
5	IoT based Controller with related all Accessories including Positioning sensors	Nos.	18
6	Signal Light (Set of Red & Green) with related all Accessories	Nos.	32
7	1 KVA UPS (1 Hrs.) with related all Accessories	Nos.	17
8	3 KVA UPS(1 Hrs. backup) with related all Accessories	Nos.	03
9	Boom Barrier with safety sensors, loop detector, IR sensor, photo sensor and related all Accessories	Nos.	03
B	Proposed Other IT Hardware & Materials		
1	Application Server	Nos.	02
2	Database Server	Nos.	02
3	Video Monitoring & Recording Server (VMS)	Nos.	02
4	Desktop PCs for weighbridges with on board serial port and speaker	Nos.	12
5	Miscellaneous Item (Pole and Fabricated Item, Junction Box etc.)	Lot	01
C	Software Details		
1	GILDMS Desktop client software application for 12 Nos. Weighbridges	Nos.	01
2	Server based GILDMS Application software including Web based application with 60 client licenses	Nos.	01
3	GILDMS related all supported software services & functions and integration with CGM online e-royalty system with Weighbridge application	Nos.	01
4	Configuration and integration of existing installed 51 Nos. of UHF RFID readers, 03 Nos. of Boom Barriers, 30 Nos. of Controllers, 32 Nos. of Traffic lights and 31 Nos. of CCTV cameras with new hardware and software system	Nos.	01
D	Installation, Go-Live, Documentation and Training & Project management	Lot	01
E	Comprehensive AMC with onsite manpower (from Project's Go-Live date to the completion of CAMC).		
1	CAMC of 2 nd Year	Lot	01
2	CAMC of 3 rd Year	Lot	01
3	CAMC of 4 th Year	Lot	01



4	CAMC of 5 th Year	Lot	01
F	Non-Comprehensive AMC (Optional)		
1	Non Comprehensive AMC of 6 th Year	Lot	01
2	Non Comprehensive AMC of 7 th Year	Lot	01

Note:

- ❖ Above Bill of material is tentative & it may vary depending upon the actual requirement. Billing & subsequent payment will be released on pro-rata basis for actual supply.
- ❖ Bidder has to compulsory quote for single OEM make & model of individual item. The bid can have multiple OEMs but any quoted product with multiples OEM will be treated as non-compliance & that bid will be liable for rejection for further evaluation.
- ❖ Bidder cannot quote / propose those products whose OEM (Original Equipment Manufacturer) belonging to a country which shares a land border with India.



SECTION E – GENERAL TERMS & CONDITIONS:

The bid prepared by bidder shall comprise of the following components. The bids not conforming to these requirements shall be summarily rejected.

i) Technical Bid

Technical Bid (Hard copy) shall comprise of covering Letter, Tender Fees, EMD, Technical Proposal and other required documents such as brochures, product details etc. Please note that no price schedule shall be indicated / submitted in / as a part of Technical Bid. Bid along with price bid will be liable for rejection of entire bid without assigning any reason. The price bid shall only be quoted online at <https://gipcltender.npocure.com/> in the mentioned format only. The technical bid shall be submitted online at <https://gipcltender.npocure.com/> along with physical bid submission and in case of any discrepancy, bid submitted online will be considered final. The hard copy of the bid is for reference purposes only.

Bidders are requested to note the following:

- Bidder shall include compliance statement of technical specifications mentioned in this tender document (as a separate section in Technical Bid).
- Bidder must submit single make with model for individual product in technical bid (online as well as hardcopy). The bid can have multiple OEMs but any quoted product with multiples OEM will be treated as non-compliance & that bid will be liable for rejection for further evaluation.
- Bidder cannot quote / propose those products whose OEM (Original Equipment Manufacturer) belonging to a country which shares a land border with India.
- Bidder shall include any additional hardware or software required to make their solution fully functional as per requirement.

ii) Price bid

The bidder shall strictly adhere to format of the Price bid as specified in **SECTION L** of bid document. The Price bid shall be submitted online only at <https://gipcltender.npocure.com/>. Through e-mail address mentioned in clause of the Contact details, technically qualified bidders will be informed about price bid opening schedule. The Price bid submitted in any other form and format shall not be considered valid and such bid is liable for rejection without assigning any reason.

iii) Tender Fee (Non-Refundable)

Bidders must submit, along with their bids, non-refundable Tender Fee amounting of **Rs. 5,900/- (Rupees Five Thousands Nine Hundred Only)** including GST in the form of Demand Draft (DD) / NEFT/ RTGS issued by banks as specified in clause of Schedule Tender Notice. Tender Fees in the form of DD shall be submitted in the physical bid in favor of **“Gujarat Industries Power Company Limited”** payable at **Vadodara** whereas NEFT / RTGS shall be submitted on or before last date of online bid submission. Bidder has to upload scanned copy of DD OR NEFT / RTGS details on nProcure web portal in the preliminary stage. Failure to furnish Tender Fees would result in rejection of such bid. Tender Fees shall be furnished in Indian Rupees (INR).



iv) Earnest Money Deposit (EMD)

Bidders must submit, along with their bids, refundable EMD of **Rs. 3,50,000/- (Rupees Three Lacs Fifty Thousand Only)** in the form of Demand Draft / NEFT / RTGS / Bank Guarantee (BG) issued by banks as specified in clause of Schedule Tender Notice. NEFT / RTGS should be submitted on or before last date of online bid submission. DD and BG shall be submitted as a part of the technical bid. Bidder can submit BG as per format mentioned in Annexure IX and in favor of **“Gujarat Industries Power Company Limited ”** payable at **Vadodara**. In case of EMD submitted in form of Bank Guarantee (BG), such BG shall have minimum validity of 240 days from bid submission date plus 90 days of claim period. Failure to furnish EMD would result in rejection of such bid. EMD shall be furnished in Indian Rupees (INR).

❖ **Refund of EMD to Disqualified bidder**

Disqualified Bidder's EMD shall be refunded without any interest within 15 days after finalization of successful bidder.

❖ **Refund of EMD to Unsuccessful Bidder**

Unsuccessful Bidder's EMD shall be refunded without any interest within 15 days after Security Deposit submission by successful bidder.

❖ **Refund of EMD to Successful Bidder**

Successful bidder's EMD without any interest will be refunded within 15 days after Security Deposit submission.

❖ **Forfeiture of EMD**

EMD can be forfeited if bidder

- Withdraws his bid during bid validity period OR does not accept the correction of errors OR

In case, successful bidder fails

- To furnish Security Deposit with sufficient amount / within specified timeline / OR
- To accept Work Order within specified timeline

EMD will be retained in case of successful bidder and will not carry any interest. EMD of successful bidder shall be refunded on submission of security deposit as per format mentioned in this tender document. If required, CLIENT may ask successful bidder to extend EMD (in case of BG) validity timeline till Work Order issuance. Failure of extending EMD validity timeline (in case of BG) shall make sufficient ground for considering that bid as non-responsive. In such scenario, CLIENT may proceed ahead with next successful bidder for finalization.

v) Undertaking

An undertaking compulsory required from bidder stating compliance with all Technical Specifications and terms and conditions mentioned in tender document.



3. Bid Price

i. Prices in the Price Schedule

Bidder shall quote price in clear terms. Bidder has to quote price in Price bid as per format described in **SECTION L**. The Price bid submitted in any other form and format shall not be considered valid and such bid is liable for rejection without assigning any reason. The rates quoted shall be inclusive of GST applicable as on bid submission date. In the event of any increase or decrease of GST rate subsequent to award of work, which results in change in Work Order Value, successful bidder shall be covered for any such variation, i.e. neither bear additional GST rate nor will be beneficiary of reduction in GST Rate, subject to production of documentary proof to satisfaction of CLIENT to the extent which is attributable to such change as mentioned above.

ii. Fixed Price

Prices quoted by bidder shall be fixed and no variation will be allowed under any circumstances during project tenure. No open-ended bid shall be entertained and same is liable to be rejected straightway.

iii. Separation of Price Components

The price components furnished by bidder shall be solely for purpose of facilitating comparison of bids by GIPL and shall not in any way limit CLIENT's right to contract on any of the items offered.

4. Period of Validity of Bids

Bids shall remain valid for **180 days** after final date of bid submission declared by CLIENT. A bid having validity shorter than 180 days shall be considered as non-responsive and such bid shall be rejected by CLIENT without any correspondence. If required, CLIENT reserves right to ask bidders to extend submitted bids' validity. Non-compliance to bid validity extension by any bidder will result in rejection of that bid. In case, bid submission date is extended by CLIENT, EMD (in case of BG) shall be extended accordingly by bidder as per tender terms and conditions. Failure of extending EMD (BG) validity shall make sufficient ground for considering such bid as non-responsive.

5. Format and Signing of Bid

i) Number of Copies of Bid

Bidder shall submit technical Bid online only at <https://gipcltender.npocure.com/> and shall also submit two copies (one original and one duplicate) of technical bid in physical form in sealed cover separately. Price bid submission in physical form is prohibited. Submission of technical bid along with price bid will be considered such bid as non-responsive and rejected without assigning any reason. In the event of any discrepancy between physical and online submitted bids, bid submitted online shall govern. The bid shall be submitted at the below address:

Kind Attn: Chief Executive Officer
To,



Guj Info Petro Limited

2NDFloor, Block No: 15, Udhyog Bhavan, Sector – 11,
Gandhinagar – 382 011, Gujarat, India.

ii) Authentication of Bid

Original and copies of bid document (& subsequent corrigendum published if any) shall be type written in indelible ink and shall be signed by a person or persons duly authorized to bind the bidder to Contract. A duly stamped original **Power-of-Attorney / notarized board resolution copy** accompanying bid document shall support the letter of authorization. The person or persons signing bid document shall initial all pages of bid document, including pages where entries or amendments have been made. All pages of bid should be serially numbered. Submission failure of following will make sufficient ground for considering such bid as non-responsive.

- (a) signed bid document & subsequent corrigendum published if any
- (b) A duly stamped **original Power-of-Attorney / notarized board resolution copy** in technical bid.
- (c) An original Affidavit on Non-Judicial Stamping of Rs. 300/- duly attested by Magistrate / Notary in technical bid.

iii) Validation of interlineations in Bid

Any interlineations, erasures, alterations, additions or overwriting shall be valid only if person or persons signing bid have authenticated the same with signature.

6. Sealing and Marking of Bids

i) Enclosing of Bid

Technical bid shall be comprised of Tender Fee, EMD, Pre-Qualification criteria supporting documents along with brochures, technical specifications' compliance statement, technical bid documents, all annexures as per format mentioned in the tender document etc. Tender Fee and EMD shall be placed and sealed in a separate cover and shall be marked as **“Tender Fee”** and **“EMD”** respectively. Tender Fee and EMD cover shall contain NEFT / RTGS statement of respective transaction (OR original bank guarantee in case of EMD) as per guidelines mentioned in the tender document. Tender Fee Cover, EMD cover, Pre-Qualification criteria supporting documents, technical bid documents, brochures etc. shall be placed in one big cover clearly marked as **“E-Tender No: GIPL/GIPCL_RFID/25-26/01 - Technical Bid.”** All pages of technical bid shall be signed and stamped by authorized signatory of bidder except published materials such as brochures, product catalogues etc.

ii) Responsibility of Bidder

If outer envelope is not sealed and marked as required, GIPL/CLIENT will not be held responsible for bid's misplacement or premature opening.

iii) Rejection of Bid



Any condition put forth by bidder non-conforming tender requirements shall not be entertained at all and such bid shall be rejected. Technical Bid and Price bid shall be submitted in prescribed format and uploaded online only through <https://gipcltender.npocure.com/> along with physical submission of Pre-qualifications criteria supporting documents & technical documents. Through e-mail address mentioned in clause of the Contact details, technically qualified bidders will be informed about price bid opening schedule. Price bid submitted in any other form and format shall not be considered valid and such bid is liable for rejection without assigning any reason. Bids submitted by Telex, fax or email will not be entertained. Technical bid (in case of physical mode) containing price bid will be rejected straightaway by GIPL/CLIENT as non-responsive, without any further correspondence. Any bid not authenticated or not secured, will also be rejected straightaway by GIPL/CLIENT as non-responsive, without any further correspondence. A bid that does not meet any / partial / all pre-qualification criteria OR non – fulfilling of technical evaluation requirement will be rejected by GIPL/CLIENT and may not subsequently be made responsive by correction or withdrawal of non-conforming deviation or reservation by bidder.

7. Modification and Withdrawal of Bids

i) Written Notice

Bidder may modify or withdraw its bid after bid's submission provided that GIPL/CLIENT receives written notice of modification or withdrawal before expiration of bid submission deadline.

ii) Signing and Marking of Notice

Bidder's modification or withdrawal notice for submitted bid shall be prepared, sealed, marked and dispatched in accordance with provisions of tender. A duly signed withdrawal notice may also be sent by post so as to reach at mentioned office before expiration of bid submission deadline.

iii) Last Date for Notice

No bid shall be modified subsequent to bid submission deadline. No bid shall be withdrawn in interval started from bid submission date and bid validity expiration date. Withdrawal of a bid during this interval shall result in forfeiture of bid security (EMD) paid by bidder.

8. Deadline for Submission of Bids

i) Last date for Submission

In event of specified date for physical bid submission being declared a holiday for GIPL/CLIENT, physical bid will be received up to appointed time on next working day.

ii) Extension for Last date for Submission

GIPL/CLIENT may, at own discretion; extend bid submission deadline by amending tender document, in which case, all rights and obligations of CLIENT and bidders who have submitted bids shall remain same.



9. Late submission of physical bid

Any bid received after physical bid submission deadline stipulated by GIPL/CLIENT, shall be summarily rejected and returned unopened to bidder. GIPL/CLIENT shall not be held responsible for any postal delay or non-receipt / non-delivery of bid documents within defined timeline. No correspondence in this regard shall be entertained.

10. Opening of Bids

i) Opening of Technical and Price Bids

Technical bid opening will be held at GIPL's office in presence of GIPL, CLIENT officials along with bidders' representatives as per date and time mentioned in tender document or subsequent corrigendum published if any. Price bid opening will also be held at GIPL's office in presence of GIPL, CLIENT officials along with technically qualified bidders' representatives as per informed date and time.

ii) Bids Not Considered for Evaluation

Bids that are rejected during Preliminary / Pre – qualification / technical evaluation process shall not be considered for further evaluation irrespective of circumstances.

11. Preliminary Examination

i) Completeness of Bids

All necessary documents required for bid submission should be strictly complied. No new documents / papers that are found essential as a part of bid submission / evaluation shall be accepted after bid submission closing time at any stage of tender evaluation. However, GIPL, on its sole discretion, may ask bidders to submit relevant documents in connection with the already submitted documents in technical bid for providing more clarity or resolving ambiguity if any.

ii) Rectification of Errors

Arithmetical errors will be rectified on following basis: -

- If there is a discrepancy between unit price and total price that is obtained by multiplying unit price and quantity, unit price shall prevail and total price shall be corrected accordingly.
- If there is a discrepancy between rates in words and figures, rate in words will govern. If bidder does not accept correction of errors, his bid will be rejected and his EMD may be forfeited.

12. Contract Period

The project's contract period is distributed as stated below:

- ⇒ Project Implementation & Go-Live Period - **06 Months** commenced from Work Order issuance date.
- ⇒ Warranty Period – **01 year** commenced from the Project Go-Live date and inclusive of 03 months of Hand-holding (stabilization) period.
- ⇒ CAMC period – **04 years of comprehensive AMC period** with onsite service and support.
- ⇒ Manpower Support - From the project's Go-Live to the completion of comprehensive AMC period i.e. 05 years.



Bidder shall submit project execution / Go-Live schedule as an essential document of technical bid and non-compliance of same may lead to such bid's rejection at the sole discretion of CLIENT.

13. Project Management

Successful bidder shall nominate one official as a Project Manager having detailed project knowledge from the project's inception to its Go-Live and who will be single point of contact during the contract period. Successful bidder has to submit level wise an escalation matrix comprised of contact official's name, his contact number, his e-mail address, designation along with escalation timeline at the time of work order acknowledgement letter / response.

14. Work Order issuance

Bidder who scored the Highest Composite Score in QCBS shall be notified of award by registered letter / E-mail / Fax by CLIENT. This letter (hereinafter called "Work Order " OR "Contract") shall state the sum that CLIENT shall pay to bidder in consideration of execution, completion and maintenance of work as prescribed by Contract (hereinafter called "Contract Value") in accordance with Payment Terms. This is applicable in case of electronic publishing / delivery of work order also. Through written communication within three (03) working days from Work Order issuance date, bidder shall acknowledge receipt of Work order. Objection, if any, to work order must be reported to CLIENT by successful bidder within three (03) working days counted from the date of work order issuance, otherwise it is assumed that successful bidder has accepted work order in totality.

15. Annulment of Award

Failure of successful bidder to comply with pre-qualification criteria, technical evaluation criteria, other terms and conditions etc. set out in tender document shall constitute sufficient ground for the annulment of the award of Contract and forfeiture of security deposit, in which event CLIENT may make award to the next lowest evaluated bidder after negotiations.

16. Additional Work

If there is an increase in material (quoted goods / services) within 180 days from the work order date, bidder shall be given additional work on a pro-rata basis based on the rates finalized in the work order. Rates finalized in the work order will be valid for 180 days from the work order date.

17. Modification of Scope of Work

In case of modification of Scope of Work, CLIENT shall be liable to pay price as mutually decided and agreed between CLIENT and successful bidder at the time of modification.

18. Suspension

CLIENT may, by written notice, suspend all payments to successful bidder, if failed to perform any of its obligations under the project including carrying out of services, provided that such notice of suspension

(a) Shall specify nature of failure.



- (b) Shall request successful bidder to remedy such failure within a period not exceeding thirty (30) days after receipt of such notice of failure.

19. Termination of Contract

19.1 Termination for Default:

At any time during the currency of contract, after the occurrence of any one or more of the following events / contingencies (including but not limited to), without paying any compensation (along with forfeiting of SD and / or whatsoever for expenses incurred to complete the job with additional 10% overhead charges) in lieu thereof, in addition to any other right or remedy of CLIENT against the successful bidder, CLIENT may terminate the contract by giving 07 working days written notice:

- ❖ Non-compliance / non-response to any of project related activities resulting in delay in project progress / execution. CLIENT Management reserves right to terminate contract and / or get balance work completed at risk and cost of successful bidder.
- ❖ Negligence in carrying out works and not following CLIENT instructions for execution of work or carrying out any work found to be unsatisfactory by CLIENT.
- ❖ Abandonment of works or any part thereof.
- ❖ Substantial suspension of works or any part thereof for a period of 30 days or more without authority & knowledge of CLIENT authorized representative.
- ❖ Breach of any of the terms, conditions or provisions of contract / Project on part of successful bidder.
- ❖ If successful bidder is incapable of carrying out work and / or failure to achieve the laid down targets.
- ❖ If there is any change in constitution of successful bidder or in circumstances or organization of successful bidder, which is detrimental to the interests of CLIENT.
- ❖ Distress, execution or other legal process being levied on or upon any of successful bidder's goods and assets;
- ❖ Death of successful bidder;
- ❖ If successful bidder or any person employed by him shall make or offer any gift, gratuity, royalty, commission, gratification or other inducement (whether money or in any other form) for any purpose connected with contract to any employee or agent of CLIENT.
- ❖ If successful bidder shall assign or attempt to assign his interest or any part to any other agency thereof in contract without CLIENT's prior consent in writing.

The reason (s) for termination stated in notice of termination shall be final and binding upon successful bidder.

19.2 Termination for Insolvency, Dissolution etc.

CLIENT may / shall terminate contract by giving 01 (One) month written notice to successful bidder without compensation to successful bidder, if successful bidder becomes bankrupt or otherwise insolvent or in case of dissolution of firm or winding up of company, provided that



such termination shall not prejudice or effect any right of action or remedy which has accrued thereafter to CLIENT.

19.3 Termination for Convenience

Notwithstanding anything stated elsewhere herein, CLIENT reserves right to terminate by prior 01 (One) month written notice, whole or part of contract without compensation to successful bidder. The notice of termination shall specify the reasons for such termination including, the extent to which performance of work under contract is terminated and date on which such termination becomes effective.

The successful bidder subject to written approval by CLIENT, may terminate the Contract before the expiry of the term by giving CLIENT 04 (Four) months' prior written notice indicating its intention to terminate the Contract.

19.4 Consequences of Termination

- ❖ Nothing herein shall restrict the right of CLIENT to invoke the Security Deposit furnished hereunder and pursue such other rights and/or remedies that may be available to CLIENT under law if the reported breach of any clauses is not rectified within 07 (Seven) working days.
- ❖ The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

20. Rights to Data

CLIENT shall retain all right, title and interest in and to any and all data, entered or generated by successful bidder for CLIENT pursuant to the work order and any modifications thereto or works derived there from.

21. Relationship between the Parties

Nothing mentioned herein shall be constructed as relationship of CLIENT and successful bidder as principal and agent relationship. Successful bidder subject to the contract has complete charge of personnel, if any, performing services under the Project from time to time. Successful bidder shall be fully responsible for services performed by them or on their behalf hereunder. No Party has any authority to bind the other Party in any manner whatsoever except as agreed under the terms of the Contract.

22. Standards of Performance

Successful bidder awarded with contract shall perform services and carry out their obligations under Contract with due diligence, efficiency and economy in accordance with generally accepted professional standards and practices. Successful bidder shall always act in respect of any matter relating to the contract as faithful advisor to CLIENT and shall always support and safeguard legitimate interests of CLIENT, in any dealings with third party. The bidder awarded with contract shall abide by all the provisions / Acts / Rules etc. of compliance prevalent in the country and shall confirm to standards laid down in tender document in totality.



23. Delivery and Documents

Successful bidder shall execute project within scheduled timeline. In case of termination of Contract, entire documents / any other credentials etc. used by successful bidder in contract period shall become property of CLIENT. Time is the essence of contract and successful bidder covenants that it shall perform the Services in conformity with the time schedule, software / solution's functional specifications and the obligations contained herein, unless the delay is due to Force Majeure. Any failure by successful bidder to timely provide the services as per the scope of work and / or perform the services in timely manner shall attract the provisions of Liquidated Damages.

24. Assignment

Successful bidder shall not assign, in whole or in part, their rights and obligations under the Contract to any third party, except with prior written consent of the other party.

25. Indemnification

Successful bidder shall indemnify CLIENT against the all actions, suits, claims, damages and demands brought or made against CLIENT in respect of anything done or omitted to be done by successful bidder in the execution of or in the connection with the work of the Contract and against lose or damage to CLIENT in consequences of any action or suit being brought against successful bidder anything done or omitted to be done in execution of the work under the contract.

It is further to be specified that, if any litigation pertaining to labour employed by successful bidder and if any direction or order issued by court at any point of time during the pendency of contract or thereafter, successful bidder shall comply with such direction. Successful bidder shall indemnify CLIENT against all consequences arising and affecting CLIENT owing to the compliance of the court orders.

26. Public Holidays

Successful bidder i.e. the contractor shall be responsible for giving benefit to his employees, employed in whatsoever capacity, 09 Public / Paid holidays and the same shall be notified in advance and due communication thereof shall be made to the CLIENT Management.

27. Survival

The provisions of the clauses of the Contract in relation to documents, data, processes, property, Intellectual Property Rights, indemnity, publicity, confidentiality and ownership survive the expiry or termination of the Contract.

28. Entire Contract

The terms and conditions laid down in this RFP and all annexures, addendum thereto as also the bid and any annexes thereto shall be read in consonance with and form an integral part of the work order. Issued work order supersedes any prior contract, understanding or representation of the Parties on the subject matter.



29. Governing Law, Jurisdiction and Arbitration

This tender document and contract shall be governed by the laws of India and the Courts at **Vadodara** shall have jurisdiction regarding the same.

1. If during the subsistence of the Contract or thereafter, any dispute between the Parties hereto arising out of or in connection with the validity, interpretation, implementation, material breach or any alleged material breach of any provision of the Contract or regarding any question, including as to whether the termination of the Contract by one Party hereto has been legitimate, the Parties hereto shall endeavour to settle such dispute amicably and / or by Conciliation to be governed by the Arbitration and Conciliation Act, 1996 or as may be agreed to between the Parties. The attempt to bring about an amicable settlement is considered to have failed as soon as one of the Parties hereto, after reasonable attempts; which attempt shall continue for not less than thirty (30) days, gives thirty (30) days' notice to refer the dispute to arbitration to the other Party in writing.
2. The Arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment in lieu thereof.
3. The Arbitration proceedings shall be held in **Vadodara, Gujarat, India**.
4. The proceedings of Arbitration shall be in **English language**.
5. Subject Clause 29.1, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, at any time in connection with construction, meaning, operation, effect, interpretation or out of the contract or breach thereof the same shall be decided by an Arbitral Tribunal consisting of three Arbitrators. Each party shall appoint one Arbitrator and the Arbitrator appointed shall appoint the third Arbitrator who will act as Presiding Arbitrator. However, if both the parties agree; sole arbitrator can also be appointed.
6. If any of the Arbitrators so appointed dies, resigns, incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party / arbitrator to appoint another person in his/her place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left if both parties consent for the same, otherwise, he shall proceed de novo.
7. It is a term of the contract that the party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration and not thereafter.
8. It is also a term of the contract that neither party to the contract shall be entitled for any interest on the amount of the award.
9. The Arbitral Tribunal shall give reasoned award and the same shall be final, conclusive and binding on the parties.
10. The fees of the arbitrator shall be borne by the parties nominating them and the fee of the Presiding Arbitrator, costs and other expenses incidental to the arbitration proceedings shall be borne equally by the parties provided that in case, sole arbitrator is appointed; costs and other expenses incidental to the arbitration proceedings shall be borne equally by the parties.
11. Subject to the arbitration agreement as mentioned above, both CLIENT and successful bidder submit to exclusive jurisdiction of courts at **Vadodara, Gujarat** in relation to any matter arising out of the work order and the work order shall be governed by the substantive laws of India.



30. Notice

Unless otherwise stated, all notices, requests or consents or communications required or permitted to be given or made pursuant to contract shall be in writing and delivered by hand, or by electronic mail to all email address specified herewith. A party shall notify the other from time to time of changes in the address for notices.

31. Miscellaneous

- All intermediate products and end product of work assignment carried out by successful bidder, in any form, will be sole property of CLIENT.
- In event of successful bidder's Company or concerned Division of company is taken over / bought over by another company, all obligations under the issued work order with CLIENT shall be transferred and vested in new company, subject to CLIENT's approval.
- Successful bidder has to submit certificate mentioning that Company's Director / Individual is not related to any employees working in CLIENT company.

32. Force Majeure

Force Majeure shall mean any act which is insurmountable and outside the reasonable control of the parties. Events of Force Majeure shall include, but shall not be limited to, acts of God, epidemic / pandemic, landslide, lightning, earthquake, flood, fire, explosion, major storm (hurricane, typhoon, cyclone, etc.) or tidal wave, act of war (declared or undeclared) or public enemy, riots, strikes, act or omission of sovereign states or those purporting to represent sovereign states, blockade, embargo, quarantine, public disorder, sabotage or any other events beyond the control of the parties or either of them. Strikes shall only be considered as Force Majeure if they are officially declared/ accepted strikes. However, Force Majeure shall not include occurrences as follows:

- a. Late performance caused by unavailability of material, equipment or similar occurrences;
- b. Financial distress / hardship of or inability to make profit by successful bidder.
- c. Failure to carry out the instructions of the CLIENT on account of any accident, breakdown or non-performance or unsatisfactory performance of any equipment(s) or on account of any reason within the control of successful bidder.
- d. Any weather conditions which are reasonably expected for the climate in the geographical area where the Work or Services are expected to be performed under the Contract.

Either party shall within fifteen (15) days from occurrence of such a cause notify the other in writing of such causes. Successful bidder shall not be liable for delays in performing their obligations resulting from any Force Majeure cause as referred to and / or defined above.

However, if such an event lasts for a period of 30 days or more, then CLIENT shall have an option to terminate the work order forthwith without any further liability. Successful bidder shall however be entitled to receive payments for all services rendered by it under the contract prior to termination of the work order.

33. Inspection

Successful bidder shall:



- Assist CLIENT's nominated / delegated authority including to Revenue Authorities and Certifying Authorities without limitation to allow, inspect, assess, supervise operation of supplied and installed system / solution at CLIENT's locations covered in project and other arrangements to ensure effectiveness, after giving prior notice of **07 (Seven) days** in writing or by way of surprise check. If any malfunctioning or deficient operation is reported and CLIENT or State Government or any nominated / delegated authority is of opinion to correct the same then successful bidder has to rectify the same as per provided guidelines without additional cost implication.
- Provide all assistance related to inspect, supervise and assess to CLIENT's nominated / delegated authorities.
- Allow and assist inspection at intervals as mutually decided between CLIENT and successful bidder.

34. Fraud and Corruption

In pursuance (pursuance) of this tender, CLIENT,

i. Defines, for purposes of this provision, terms set forth as follows:

- a. "Corrupt practice" means offering, giving, receiving or soliciting of anything of value to influence action of CLIENT or its official by any personnel of bidder in procurement process or in contract execution.
- b. "Fraudulent practice" means a misrepresentation of facts, in order to influence a procurement process or execution of a contract, to detriment of CLIENT and includes collusive practices among bidders (prior to or after Proposal submission) designed to establish bids at artificially high or non-competitive levels and to deprive CLIENT of the benefits of free and open competition;
- c. "Unfair trade practices" means supply of goods or services different from what is quoted / ordered on.
- d. "Coercive practices" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in execution of contract.

ii. CLIENT will reject a proposal for award or terminate contract, if it determines that bidder recommended for award has engaged in corrupt, fraudulent, unfair trade practices or coercive practices.

iii. CLIENT shall declare a bidder ineligible, either indefinitely or for a stated period of time, for awarding contract, if it at any time determines that bidder has engaged in corrupt, fraudulent, unfair trade and coercive practices in competing for or in executing contract and will terminate the contract.

35. Negotiation

It is absolutely essential for bidders to quote the lowest price in their bid for their own interest. CLIENT, however, may shall have discretion to enter into any price negotiations.



36. Award of Contract

GIPL/CLIENT reserves right to accept or reject any bid, and to annul bidding process and reject all bids at any time before contract award without thereby incurring any liability to affected bidder or bidders.

37. Contact Details

All inquiries concerning this tender shall be addressed to following:

Guj Info Petro Limited (GIPL)

2nd Floor, Block No: 15, Udyog Bhavan,

Sector – 11, Gandhinagar – 382 011.

E-mail: krmishra@gipcl.com; dbjani@gipcl.com; projects@gipl.net

Prospective bidders are specifically directed NOT to contact any other person apart from one mentioned above in this tender document for meetings, conferences or technical discussions that are related to bid document. Unauthorized contact may / shall result for immediate rejection of bidder's bid document response. Substantive questions shall be dealt with in writing.

Prospective bidders are strictly advised to refrain from contacting CLIENT or and / or his employees / representatives directly or indirectly by any means related to the subject tender. The violation of same would entitle disqualification of bidders from tender process and exclusion from future business dealings.

38. Intellectual Property Rights and Rights to Integrated Application System.

CLIENT shall retain all right, title and interest in and to any and all software, firmware and hardware procured designed and developed for CLIENT by successful bidder pursuant to this project and any modifications thereto or works derived there from. Successful bidder shall have no right, title or interest in or to such designs, programs, modifications for any purpose except right to use, modify, enhance and operate such designs, programs, modifications in order to perform services hereunder, as may be expressly set forth herein or in a separate written agreement executed between CLIENT and successful bidder.

If any of successful bidder's property used in the Contract is / are covered by a patent in respect of which successful bidder is not licensed, successful bidder shall, before using such property, obtain such license(s) and pay such royalty(ies) and license fee(s) as may be necessary. Successful bidder shall keep the CLIENT indemnified from / against any and all claims that CLIENT suffers / may suffer as a result of any infringement or alleged infringement of any patent, registered design, trademark, copy right or other intellectual property right registered or otherwise by reason of claims whatsoever brought or made against the CLIENT on the basis of any patent or infringement thereof at the risk and cost of successful bidder.

The terms software, software programs and programs shall include specifications, documentation, technical information, all corrections, modifications, additions, improvements and enhancements to any of foregoing provided to CLIENT by successful bidder pursuant to this project. The terms



firmware and hardware shall include the designs, drawings, specifications, custom designed electronic devices, documentation and technical information, all corrections, modifications, additions, improvements and enhancements to any of foregoing provided to CLIENT by successful bidder pursuant to this project.

39. Discipline

Successful bidder shall carry out the maintenance job with due diligence and in a safe and workman policies. Successful bidder shall maintain strict discipline and good character among its employees and its sub-contractor employees and shall abide by and conform to all rules and regulation circulated by CLIENT. If CLIENT found that the conduct of any of successful bidder / sub-contractor's employee's is detrimental to CLUENT's interest, CLIENT shall have the right to request for the removal of such employee either for incompetence, unreliability, misbehavior, security reason etc. while on or off the job. Successful bidder shall comply with any such request to remove such personnel at own expense unconditionally. Boarding, lodging and daily transportation or successful bidder's experts / workmen and materials are in the scope of the successful bidder; in case of availability, CLIENT may share accommodation at township on subsidiaries rates. The maintenance work is to be carried out as per safety and security rules and regulations of the CLIENT.

40. Interpretation of Clause

In case of disputes as regards interpretation of any of the clauses or specification, the decision of CLIENT will be final and binding on the bidder.

41. Employee's Compensation Insurance

Successful bidder shall take all risk Insurance Policy to cover all his workmen/employees, staff applicable under the Employee Compensation Act 1923 or any amendment thereof as also insurance cover for third party liability. Successful bidder shall keep the CLIENT indemnified from all liabilities arising out of his action in pursuance of this contract. The E. C. Policy should be obtained from Vadodara / Surat Jurisdiction (as per work location) and shall be assigned to CLIENT. EC policy should cover the specified contract period. Successful bidder shall also obtain additional off-duty coverage insurance policy for all his workers.

42. Statutory Requirements

a. Compliance of Labour Laws

Successful bidder shall at his own cost comply with the provision of labor laws, rules, orders and notifications whether central or state or local as applicable to him or to this contract from time to time. These Acts/Rules include without limitation of the followings.

- 41.1.** Successful bidder shall be solely responsible and shall fully comply with all the provisions of all the labor laws applicable such as the Minimum Wages Act, 1948, Contract Labor (Regulation & Abolition) Act 1970, Factories Act, 1948, Payment of Bonus Act 1965, Employees Provident Fund and Miscellaneous Provision Act 1952, Industrial Dispute Act 1947, Workmen Compensation Act 1923, Payment of Gratuity



1972, Interstate Migrant Workmen Act 1979, Equal Remuneration Act with Rules, Order and Notifications issued/made there under from time to time.

41.2. All other Acts, Rules/Bye-Laws, Orders, Notifications etc. present or future applicable to the successful bidder from time to time for performing the contract job.

41.2.1. Successful bidder shall provide and be responsible for payment of wages, salaries, Bonus, Social charges, Insurance, Food, Accommodation, Transport, Medical and Canteen facilities and other statutory privileges and facilities to his personnel as per law / rules / regulations and orders of the Central Government, State Government, Local Authorities or other authorities as are in force from time to time. All employees of successful bidder shall be employee of successful bidder.

41.2.2. Successful bidder shall have a valid license obtained from Licensing Authority under the Contract Labor (Regulation & Abolition) Act-1970 at the time of execution of the contract covering all his employees working at CLIENT's Location and furnish the same failing which CLIENT may terminate the contract at its sole discretion.

41.2.3. Successful bidder shall at the time of execution of the contract have a EPF Code Number obtained from the Authorities concerned under the Employees Provident & Miscellaneous Provisions Act, 1972 and remit contributions in respect of the employees employed by him at CLIENT's Location to the P.F office concerned every month failing which CLIENT will recover from the outstanding payment to the successful bidder from CLIENT. PF code of Gujarat region should be taken.

41.2.4. Successful bidder shall maintain all records/registers required to be maintained by him under various labor laws mentioned above and produce the same before the Statutory Authorities whenever required.

41.2.5. Successful bidder shall also submit periodical reports / returns to the various statutory authorities such as the Contract Labour (Regulation & Abolition) Act-1970, Employees Provident Fund Act etc. under intimation to HR & Admin Department.

41.2.6. Successful bidder shall not pay less than the Minimum Wages notified by the Government from time to time to his employees of corresponding categories.

41.2.7. Successful bidder shall be responsible for payment of overtime wages to his workmen, if any, in case they are required to work beyond the prescribed hours under law as per applicable rates.

41.2.8. Successful bidder shall take Workmen Compensation Insurance Policy for all his employees working at CLIENT Location. Successful bidder shall indemnify the company against any liability due to any work injury or accident to any of its employees.

41.2.9. Successful bidder shall in the event any of his workmen / employee sustains any injury or disablement due to an accident arising out of and in the course of his



employment, provide necessary medical treatment and pay compensation as applicable, required under the Workmen's Compensation Act, 1923.

- 41.2.10. If any of the persons engaged by successful bidder misbehave with any of the officials or the CLIENT or commit any misconduct with regard to the property of CLIENT or suffer from any serious communicable disease, successful bidder shall replace them immediately.
- 41.2.11. Successful bidder shall not engage / employ persons below the age of 18 years. Employment of women shall be strictly according to applicable laws.
- 41.2.12. CLIENT will have right to deduct and disburse the claims of the individual / parties being a principal employer on any account whatsoever in relation to their employment with successful bidder. The Security deposit will be released to successful bidder at the end of the contractual tenure subject to an undertaking by successful bidder that in the event any of his workmen or the heirs of workmen puts up a claim for recovery of money due to him from successful bidder before the appropriate authority under the I.D. Act 1947 or under any other labor laws or for compensation under the Workmen's Compensation Act, 1923 and the appropriate authority has given a direction for making payment, successful bidder will meet the same or indemnify CLIENT if in the event CLIENT pays it as Principal Employer.
- 41.2.13. Successful bidder shall make payment of wages to his employees on fixed date within the period specified under the applicable Law, in presence of representative of CLIENT. Successful bidder will submit a true copy of wage sheet, attendance register and P.F. remitted challans on monthly basis to HR&A department for verification and record.
- 41.2.14. Successful bidder shall provide Safety items / kits to his employees such as safety shoes, goggles, ear plugs, hand gloves, safety belts etc., if any, required under the law.
- 41.2.15. Successful bidder shall conduct pre-induction and periodic medical checkup of his workmen as per applicable laws.
- 41.2.16. Successful bidder shall be solely responsible for any accident caused to his workers and should adhere to all rules / regulations as per labor laws of Government and other statutory laws as applicable.
- 41.2.17. Successful bidder should register himself under the Contract Labor Act, Employee Compensation Act and PF Act (Code no. to be mentioned) and submit the copy of registration certificate and should possess the same from the date of commencement of work, failing which the contract is liable to be cancelled. The E.C. Policy copy should be submitted to CLIENT before commencement of the work and Labor License should be obtained within one week from the date of issue of form-V. Successful bidder should apply for Form-V immediately after receipt of Work Order. A copy of Labour License shall be submitted to CLIENT's HR & Admin Department.
- 41.2.18. Successful bidder shall have to insure his workmen /supervisors etc. under Group Insurance scheme.



- 41.2.19. Successful bidder shall be responsible for compliance of all statutory rules, regulation, act enforced from time framed by the government such as Factory Act, Employee Compensation Act, payment of 'Wages Act', Minimum Wages Act', Provident Fund Act, All Labor Laws Act in respect of employees engaged by him for the work and shall have to maintain necessary records. In case any amount becomes due to be payable by successful bidder to his employees or to the Government under the above rules, regulation, Acts, CLIENT reserves the right to recover the same from the running bill of the contract.
- 41.2.20. Documentary evidence of deposit of PF paid shall have to be produced by successful bidder along with the next bill.
- 41.2.21. Records as per the provisions of various statutory Acts will have to be maintained by successful bidder and submitted as and when required.
- 41.2.22. All employees of successful bidder should maintain due discipline and respect local sentiments. CLIENT reserves the right to direct the contractor to remove any such person who does not comply with it.
- 41.2.23. The list is indicative in nature and not an exhaustive one. Any amendment / alteration / Notifications or addition to the existing Law or a new statute shall automatically and immediately become applicable.
- 41.2.24. **Annual Health Check Up:-** As per statutory requirement, Contractor has to inform workmen deployed at site for annual health checkup as per schedule prepared by CLIENT's HR & Admin department.

b. Legal Aspects

1. Successful bidder shall maintain all register required under the Labour Laws and make the payment as per the Minimum Wages Act to the workers employed by him.
2. Successful bidder shall obtain requisite license to carry out this contract under the provisions of Contract Labour Act, 1970 and maintain necessary records and registers under the said Act.
3. Successful bidder shall submit a copy of each of the registration certificates with respect to Employees Provident Fund and Employee Compensation Act within one week time, from the date of award of this contract.
4. Successful bidder's employees, agent or sub-agent shall not smoke or light anything within the CLIENT Location premises and carry match box / lighter or any other explosive and /or inflammable material inside the plant.
5. Successful bidder shall abide by all the statutory rules and regulations like P.F, Labour Laws etc.
6. Successful bidder shall issue an appointment order to each casual labourer stating therein the nature of job to be performed by him and fix time for which the concerned labourers are likely to be deployed. Successful bidder shall also issue a temporary identity card specifying the period for which the labourer has been deployed.
7. Successful bidder is fully liable for the persons engaged by him for above work; however, CLIENT reserves the right to deduct any amount legally justified towards any liability not fulfilled.



8. Successful bidder shall indemnify CLIENT from any liabilities arising out of the employment of the manpower.
9. If successful bidder fails to complete the allocated job within specified time frame, CLIENT shall get the work done by third party at the risk and cost of successful bidder.

43. Payment of Wages

Successful bidder shall be responsible for compliance of all statutory rules, regulation, act enforced from time framed by the government such as Factory Act, Employee Compensation Act, payment of 'Wages Act', Minimum Wages Act', Provident Fund Act, Payment of Bonus Act, Labor Law Act, maternity benefit act in respect of employees engaged by him for the work and shall have to maintain necessary records. In case any amount becomes due to be payable by him to his employees or to the Government under the above rules, regulation, Acts.

44. Accident To Workmen

Successful bidder shall be fully responsible for injury or death of any of your or third party workmen due to any act omission / indiscretion on your part while undertaking the work and successful bidder shall fully abide by the statutory requirements of the employee's compensation act. CLIENT shall not be liable for any compensation due to accident, death or injury to any of successful bidder's workmen or any third party due to negligence, act or omission on your part.

45. Benefit payable in case of Accident Occurring outside premises OR beyond the course of Employment

Successful bidder shall provide an insurance coverage (Medical + Death Benefit) for sum of Rs. 01/-Lakh to all his workmen/labour deployed at CLIENT Location for the accident taking place anywhere outside the CLIENT Location premises or at any place when the workman is not in course of his employment.

46. Safety Aspect

Successful bidder shall observe all the safety and security rules and regulation of CLIENT which are at present in force and which may come into force during the pendency of the contract. Any violation of any rules and regulations will entail immediate termination of the contract. When successful bidder moves his lifting tools and tackles to the plant area, required test certificates as per the Factory Act 1948 and the state factories rules has to be submitted to CLIENT's safety Department. Safety Department will check the certificates and if found okay, then only materials will be allowed to enter inside the plant. Material inward gate pass will be made only after certification from Safety Department. Security Department will inform to Safety Department, as & when such tools and tackles brought at the gate for making entry in the maintenance site. Successful bidder has to submit the list of required safety gears along with safety equipment available with him to safety Department. Safety Department will check for quantity and quality of the safety gears and then allowed permission of work. Poor quality material will not be allowed to take inside the Plant. If quantity of required safety equipment is not satisfactory, successful bidder will not be allowed to carry out the work using such safety gears inside the CLIENT Location for the work.



47. Rejection of Work:

If, as a result of inspection, examination or testing, CLIENT's Representative / Engineer decides that any materials, work or workmanship is defective or otherwise not in accordance with the contract, CLIENT's Engineer / Representative may reject such plant, materials, work or workmanship and shall notify successful bidder promptly, stating his reasons. The successful bidder shall then promptly make good the defect and ensure that the rejected item complies with the contract. If successful bidder failed to rectify the rejected work or workmanship, CLIENT's Engineer / Representative reserves the right to deduct or withhold amount against rejected work or Workmanship. Successful bidder shall not entitle for any claim or release of hold payment until rectify the defect up to satisfactory of CLIENT. If successful bidder failed to rectify any such defective work or workmanship, CLIENT reserves the right to rectify at risk and cost of successful bidder and deducted by CLIENT from any amount due, or to become due, to successful bidder's dues.

If CLIENT's Engineer / Representative requires such materials, work or workmanship to be retested, the tests shall be repeated under the same terms and conditions. If such rejection and retesting cause CLIENT additional costs for the traveling and lodging costs of CLIENT's Engineer / Representative for attending the retest, such costs shall be recoverable from the successful bidder by CLIENT and may be deducted by CLIENT from any amount due, or to become due, to successful bidder.

48. Other Terms and Conditions:

- a. All tools & tackles, labors, equipment, vehicles etc. to execute the contract are in the scope of successful bidder. Successful bidder should ensure that tools & equipment are in healthy condition.
- b. The decision of CLIENT shall be final and binding on successful bidder for defining the terms and condition included in this contract.
- c. If the work is not found satisfactory, CLIENT reserves the right to take suitable action.
- d. Successful bidder shall strictly follow the existing work permit system of CLIENT and any future revisions.
- e. Successful bidder has to take EC insurance policy for their workmen. Successful bidder has to submit labor license and PF account number to CLIENT before start the work.
- f. Timely completion of all jobs and works shall be the essence of this project. Successful bidder should closely monitor each activities and complete the jobs as per the time given by and under the supervision of CLIENT and shall ensure that sufficient manpower is deployed for the same.
- g. CLIENT is an ISO 9001, ISO 14001, OHSAS 18001 & ISO 50001:2011 (EnMS) certified company, and CLIENT gives extreme importance to maintain these global standards. Successful bidder shall be required to observe these standards while working with CLIENT. Successful bidder should ensure that his workmen/labour work in accordance with them.
- h. CLIENT shall not be liable to provide local transportation.
- i. CLIENT will not provide logging, boarding or any other pocket allowance.



49. Removal of all offensive matter immediately and clean-up

All loose materials, wastage, packing materials, cut pieces or other matter of an offensive nature shall not be deposited on the surface, but shall at once be carted away by successful bidder to some pit or place provided by him away from the site of work and approved by local authorities. As a part of the work included in this contract, successful bidder shall completely remove and satisfactorily dispose of all temporary works to the extent directed. He shall tear down and dispose of all temporary works, shall remove or grade, to the extent directed, all plant and equipment, shall satisfactorily dispose of all rubbish resulting from the operations under this contract and shall do all work necessary to restore the territory embraced within the site of his operations to at least as good order and conditions as at the beginning of the work under this contract.

50. Recovery Clause

- (i) In case of any damage of equipment / machinery due to negligence of contractor or any other reasons attributed to contractor the decision of CLIENT regarding the amount of recovery shall be final and binding subject to a maximum of 10% of contract value. Recovery will be affected from the monthly bills and/or retention money/security deposit.
- (ii) If the contractor fails to execute the work as per directions of CLIENT within the time frame given in work order and as per day to day instructions by CLIENT, CLIENT shall get the work done by third party at the risk & cost of the contractor with 10% additional overhead charges of GIPCL.

51. Facilities to be provided by CLIENT

CLIENT shall provide the following facilities to successful bidder at CLIENT's location:

- a. Electricity & water at nearest available one point. Further distribution to be done by successful bidder at their cost.
- b. First aid facilities as available on chargeable basis.
- c. CLIENT may provide accommodation at township on chargeable basis, subject to its availability.

Apart from the above, no other facilities shall be provided by CLIENT.

52. Insurance

i) General

Successful bidder shall at his own expense arrange, secure, and maintain with reputable insurance companies to the satisfaction of the CLIENT as follows:

- Successful bidder at his cost shall arrange, secure and maintain insurance as may be necessary and to its full value for all such amounts to protect the works progress from time to time and the interest of CLIENT against all risks as detailed herein. The form and other limit of such insurance, as defined herein together with the under works thereof in each case should be as acceptable to CLIENT. However, irrespective of acceptance of the works, the responsibility to maintain adequate insurance coverage at all times during the period, of contract shall be that of successful bidder alone. The successful bidder's failure in this regard shall not relieve of any of his responsibilities and obligations under this contract.



- Successful bidder shall provide the CLIENT with a copy of all insurance policies and document taken out by him in pursuance of the contract. Successful bidder shall also inform the CLIENT at least sixty days in advance regarding expiry or changes in such documents.

ii) Employees State Insurance Act :

- Successful bidder agrees to and does hereby accept full and exclusive liability for the compliance with all obligations imposed by the Employee's State Insurance Act 1948. Successful bidder further agrees to defend, indemnify and hold CLIENT harmless for any liability or penalty which may be imposed by the central, state or local authority by reason of any asserted violation by the successful bidder or any sub-contractor of the Employees State Insurance Act 1948, and also from all claims suited or proceeding that may be brought against the CLIENT arising under, growing out of or by reasons of the work provided for by the successful bidder whether brought by employees of the successful bidder, by third parties or central or state Government authority or any political sub-division thereof.
- Successful bidder agrees to fill in with the employee state insurance corporation, the declaration forms, and all forms which may require in respect of successful bidder or any sub-contractor's employee, who are employed in the work provided for or those covered by ESI from time to time under agreement. Successful bidder shall deduct and secure the agreement of the sub- contractor to deduct the employees' contribution as per first schedule of the ESI act.

iii) Workmen's Compensation and Employer's Liability Insurance:

- Insurance shall be affected for successful bidder's all employees engaged in the performance of this project. If any of work is sublet, successful bidder shall require the sub-contractor to provide workmen's compensation and employer's liability insurance for the latter's employees if such employees are not covered under successful bidder's insurance.
- Successful bidder shall take all risk Insurance policies to cover his workmen, staff applicable under the Employee Compensation Act 1923 or any amendment thereof also insurance cover for third party liability. Successful bidder shall keep the CLIENT indemnified from all liabilities arising out of his action in pursuance of this project. Workmen's Compensation Policy should be obtained from Surat Jurisdiction and shall be assigned to CLIENT. Successful bidder shall also obtain additional off-duty coverage insurance policy for all his workers.

iv) Any other insurance

Successful bidder shall also carry any and all other insurance, which he may be required under any law or regulation from time to time without any extra cost to CLIENT.

v) Accident or injury to workmen



CLIENT shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequences of any accident or injury to any workmen or other person engaged by successful bidder or Technology Partner or any sub-contractor or sub Technology Partner.

vi) Transit insurance

In respect of all items are to be transported by successful bidder to the site of work, cost of transit insurance shall be borne by successful bidder and quoted price shall be inclusive of this cost.

53. Safety Norms to be observed

Successful bidder shall observe and comply with regard to his workmen working at CLIENT's Location, the safety norms as per the safety operating standards. Successful bidder shall be solely responsible for any accident caused to his workers and should adhere to all rules / regulations as per labor laws of Government and other statutory laws as applicable. Successful bidder shall be responsible for providing first aid or emergency medical help and treatment to his workmen in the event of any accident or injury.

It is responsibility of successful bidder to ensure that his workers are wearing required PPEs as per work requirement throughout the contract period. When it is to work on height where proper footrest is not provided or working on ceiling or roof covered with fragile materials, full body harness safety belt, ladders and crawling boards shall be used to prevent fall of persons as per the work requirement. Further, during working on height, successful bidder will arrange proper scaffolding of steel pipes as per the relevant standards. He shall further arrange for safety net, full body safety belt, fall arrestor system etc. Advise and instructions of CLIENT's local authority has to comply strictly in this regard. All necessary safety precautions shall be taken by the successful bidder to prevent accident and personnel injuries while working at height. Successful bidder shall obey and follow all the safety and security rules & regulations present in forth and other rules / instructions / notices etc. come from time to time. Any successful bidder's manpower repeatedly found violating safety rules like not wearing of the PPEs etc. successful bidder shall take disciplinary action as directed by CLIENT.

In case of any damage of equipment / machinery due to negligence of successful bidder's manpower or any other reasons attributed to successful bidder solely, the decision of CLIENT regarding the amount of recovery shall be final and binding subject to a maximum of 10% of contract value. Recovery will be affected from the forthcoming bills and / or from security deposit.

54. Third Party Inspection

Successful bidder shall assist and support CLIENT or its nominated / delegated third party / authority to inspect, supervise and assess all the equipment / solution installed at CLIENT premises and other infrastructure arrangements.



55. Training

Successful bidder has to provide training to end users of CLIENT for entire working of upgraded / revamped system. Successful bidder has to appoint proper training staff post project Go-Live. The training may be given in two or three batches if required where the detailed training of entire installed system and its working procedures, precautions considered to handle whole installed system, operation, maintenance, service etc. has to be explained. The infrastructure pertaining to training like room, sitting arrangements, projector / display, IT environment, table & chairs etc. shall be provided by CLIENT.

Successful bidder also has to prepare user-friendly training manual for all training staff (who is taking training) with proper user-friendly language (English / Hindi as well as Gujarati) with proper screen shots and pictures to explain working and methodology of system.

56. Confidential Policy

All information and other materials disclosed, furnished, communicated or supplied by the CLIENT to successful bidder, including successful bidder's directors, officers, employees, affiliates, or its expressly authorized representatives or agents are strictly confidential and shall not be divulged by receiving party to any third party during the term of contract or thereafter without CLIENT's prior written consent.

For avoidance of doubt, "Confidential Information" shall be deemed to include all information including but not limited to any technical, price and financial information, improvement, inventions, know how, innovations, technology, trade secrets, professional secrets, copyrights and any other intellectual property, discoveries, ideas, concepts, papers, software in various stages of development, techniques, models, data, source code, object code, documentation, manuals, flow charts, research, process, procedures, functions, CLIENT's customer names and other information related to CLIENT's customers, price lists and pricing policies. However, the both Parties hereto acknowledge that Confidential Information shall not include any information that: -

- a) is now or subsequently becomes publicly known or available without breach of contract;
- b) was previously in the possession of successful bidder without any obligation of confidentiality and which was not acquired from, provided, given, sold or otherwise disclosed (directly or indirectly) by CLIENT not through contract.

Successful bidder further agrees to require its employees, its sub-contractors and their employees to execute an appropriate non-disclosure letter / agreement prior to performing any work under the issued work order and ensure that only such authorized representatives who are expressly authorized and whose duties require them to possess the Confidential Information shall have access to the Confidential Information on a need-to-know basis.

Save as expressly provided hereunder, nothing contained herein shall be construed, implicitly or otherwise, as being the granting of a license to use the Confidential Information disclosed by CLIENT. Successful bidder shall ensure that the Confidential Information will not be copied or reproduced or transmitted by any means and in any form whatsoever (including in an externally



accessible computer or electronic information retrieval system) by successful bidder or its representatives without the prior written permission of CLIENT.

Successful bidder has to follow all rules and regulations of guidelines and has to follow strictly to all rules and privacy. Some of the guidelines are as follows, however it is not limiting to the same. It is responsibility of successful bidder to contact CLIENT authority and get all guidelines to carry out work in CLIENT premises.

1. All paper works prepared to the project are very confidential property of CLIENT authority. If required, successful bidder has to submit privacy agreement with CLIENT as per mutually agreed format. All responsibility lies with successful bidder of privacy of documents handed over to him for execution.
2. The staff of successful bidder should not involve with any activity related to CLIENT.
3. No activity is allowed in CLIENT premises by any staff of successful bidder that affects to CLIENT's security and peace.

57. Limitation of Liability

Final payment by CLIENT in pursuance of tender terms shall not mean release of successful bidder from all his liabilities under the contract. Successful bidder shall be liable and committed under the contract to fulfil all his liabilities and responsibilities, till such time Security Deposit Guarantee is released by CLIENT. Provided that successful bidder shall continue to remain responsible for all liabilities which arise on account of Gross Negligence, Willful Misconduct, breach or fraud, legal noncompliance even beyond release of Security Deposit.

Successful bidder shall continue to remain responsible for all liabilities which arise on account off,

1. Any obligation of successful bidder for performance / warranty / defect liability, or
2. Any obligation of successful bidder to indemnify CLIENT with respect to infringement of intellectual property rights, or
3. Failure of successful bidder to pay taxes, duties as required under this tender / Contract.
4. Breach of confidentiality requirements set forth in this bid or Applicable Law, or
5. In case of negligence, breach, fraud, Gross Negligence or Willful Misconduct of successful bidder.

58. Data Security

Successful bidder and its team have to maintain the confidentiality and security of data in true spirit. In no case, breach in security of data will be acceptable. Violation of this clause may lead to severe penalties including to the termination of contract as decided by CLIENT. In this regard, successful bidder has to sign Non-Disclosure Agreement (NDA) with CLIENT. It will be successful bidder's responsibility to get this agreement signed with the CLIENT.

59. Assignment and Subletting of the Contract

Successful bidder shall not assign or sub-let any part of the contract to any other party or agency without written permission from CLIENT.



60. Deductions From Contract Price

Any costs, charges or expenses pertaining to this project / contract is incurred by CLIENT, for which, under the contract the contractor is liable to pay, shall be recovered by CLIENT. The contractor shall pay all such amount within 15 days of claim failing which the same shall be deducted from the bills of contractor.

61. Failure & Termination

If the contractor fails to comply written notice issued by CLIENT/ GIPL requiring compliance of any drawings and / or instructions within fifteen days, then CLIENT/GIPL may employ the other agencies to execute any such work whatsoever as may be necessary and all costs incurred in connection therewith shall be recoverable from the contractor by CLIENT from the amount payable to the contractor or the Security Deposit laying with CLIENT.

In case if contractor's services are not found satisfactory with respect to time schedule given in the Contract, mobilization of time bound resources for execution of Contract including workmanship & safety (OHSAS policy of CLIENT) then CLIENT after giving adequate time of fifteen days advance notice in writing, has rights to terminate the contract at any time.

62. Night / Sunday / Holiday Shift

One support engineer shall require to stay on site at GIPCL / nearby during warranty and CAMC tenure to provide support on 24x7x365 basis for any emergency job requirement. This arrangement should be at to meet any urgent / emergency requirement at night / Sunday / public holiday.

63. Contractor's Supervision

The contractor shall, during the whole time of work in progress, employ a qualified experienced site-in-charge of the work with adequate experience in handing such job with the prior approval of CLIENT. Such in-charge shall be constantly in attendance at the site during project completion / Go-Live stage. During project Go-Live stage, the contractor's supervisory engineer may require to stay beyond working hours, when it may be necessary to give directions, orders by CLIENT in writing. Any directions, instructions or notices given by CLIENT to him, shall be deemed to have been given to the contractor.



SECTION F – WARRANTY, CAMC & Non-comprehensive AMC:

64. Warranty Period

There will be 01 year of warranty period of supplied goods and services at all locations mentioned in **Annexure A** commenced from the date of project's Go-Live declared by CLIENT. Onsite warranty shall be comprised of 01 year – service, 01 year – support, 01 year – spare parts, 01 year – labor. The bidder shall do and perform quarterly health check-up / preventive maintenance on regularly basis as part of warranty. Warranty is comprehensive (manpower & spare-parts) in nature, so it shall be responsibility of successful bidder to replace any supplied item OR its defective parts with same make & model (higher in case of model's discontinuation declared by OEM) without any additional cost. The defective part so replaced shall be property of successful bidder. Successful bidder shall keep enough spares at CLIENT location during warranty period and cost for spare-parts are to be borne by successful bidder. Successful bidder is expected to transfer deployed system / solution knowledge to CLIENT nominated Technical Team.

65. Comprehensive Annual Maintenance Contract (CAMC)

It is mandatory for bidder to quote for comprehensive AMC which shall be applicable immediately after expiry of 01 year warranty period. Total period of comprehensive AMC shall be for a period of 04 years which commenced post completion of warranty period. Onsite CAMC shall be comprised of 04 years – service, 04 years – support, 04 years – spare parts, 04 years – labor. The bidder shall do and perform quarterly health check-up / preventive maintenance as part of CAMC. Since AMC is comprehensive (manpower & spare-parts) in nature, it shall be responsibility of bidder to replace any defective parts with same make & model (higher in case of model's discontinuation declared by OEM) without any additional cost. The defective part so replaced shall be the property of successful bidder. Successful bidder shall keep enough spares at CLIENT location during CAMC period and cost for spare-parts are to be borne by successful bidder.

66. Non-comprehensive Annual Maintenance Contract (Optional):

Though it is optional, even though, it is mandatory for bidder to quote for non-comprehensive AMC which shall be applicable immediately after expiry of 04 years of CAMC period. Total period of non-comprehensive AMC shall be for a period of 02 years which commenced post completion of CAMC period. Non-comprehensive AMC shall be exclusive of onsite manpower support and spare parts replacement.



SECTION G – COMMERCIAL TERMS AND CONDITIONS:

67. Security Deposit (SD)

Within Twenty-One (21) days of receipt of Work Order from CLIENT, successful bidder shall deposit Security Deposit @ **10% of Total contract value excluding taxes** as per format mentioned **Annexure V** for due and faithful performance of contract. Security Deposit is to be submitted in the form of either Demand Draft OR Bank Guarantee (BG) issued by banks as specified in clause of Schedule Tender Notice. BG shall be as per format mentioned in Annexure IX and in favor of **“Gujarat Industries Power Company Limited ”** payable at **Vadodara**. If bidder fails to deposit Security Deposit within stipulated time which shall include any extension granted by CLIENT at its own discretion, CLIENT reserves right to cancel the issued work order in such event and forfeit EMD and exercise its right to accept any other bid which is considered suitable. It is expressly agreed and confirmed by successful bidder that furnished Security Deposit shall carry NIL interest. EMD submitted earlier by successful bidder shall be refunded against submission of Security Deposit.

During contract period, Security Deposit shall remain with CLIENT as security for satisfactory execution and completion of work in accordance with terms and conditions of Contract. CLIENT shall have an unqualified option to use Security Deposit amount there under in event of successful bidder failing to honor services / obligation as mentioned under terms & conditions & scope of Work and / or in respect of any other payout due from successful bidder. CLIENT shall be at liberty to deduct and appropriate amount from Security Deposit such losses, damages, penalties and dues as may be payable by successful bidder under contract and amount by which Security Deposit is reduced by such appropriation shall be made good by further deduction from bidder's subsequent interim bills until Security Deposit is restored to its full limit as mentioned in above clause.

On satisfactory performance and completion of contract, in all respects, and upon return of any property (including hardware & software licenses) belonging to CLIENT in good and running condition, security Deposit shall be returned to successful bidder. **Security Deposit must cover validity minimum of 18 months(06 months of Go-Live period + 12 months of warranty period) followed by 06 months of claim period.**

Bidder shall submit Security Deposit in the form of Bank Guarantee (BG) for CAMC period, which will be equivalent to total AMC cost of the project cost and should have validity of one year which commenced at least from the first day of first year AMC, with 06 Months Claim period. This Bank Guarantee will reduced annually on completion of every year of AMC period. Bidder shall submit extension of BG within one month prior to its expiry date.

On satisfactory completion of AMC period in all respects, and upon return of any property (including hardware & software licenses) belonging to CLIENT in good and running condition, performance BG for AMC period shall be returned to Contractor



If required, on intimation by CLIENT, successful bidder has to extend SD (in case of BG) for suggested time period (due to project execution delay attributed by either of party) & failure of same will be treated as breach of contract which enables CLIENT to take appropriate actions in this regard like forfeiting of SD along with contract termination.

68. Taxes & Duties

1. Contractor shall bear and pay all taxes, duties, levies, cess and charges assessed on the contractor or their employees by all municipal, state or national government authorities in connection with the contract in and outside of country where site is located and no adjustment or variation will be allowed for changes thereof.
2. For payment of taxes as specified in price bid, contractor shall be required to charge taxes at the rate applicable from time to time.
3. For purpose of Contract, it is agreed that Contract Price specified in work order is based on taxes, duties, levies and charges prevailing on date of bid submission in India and Gujarat where site is located (unless otherwise revised by mutual consent).
4. Contract Price shall be deemed to be firm and valid for entire duration of Contract till completion of scope of work under Contract unless it is due to change in tax law.
5. Contract Price may be varied due to situations giving rise to change in Tax Law arising between date of bid submission and contractual date of supply of Goods and / or performance of Services under contract. The Indirect Taxes that shall be considered for Change in Tax Law shall be included but not limited to following taxes leviable on direct transaction between contractor and CLIENT unless specified otherwise:

- **CGST, SGST & IGST**

6. Further, such variation shall be made only in respect of taxes (both nature and quantum) originally factored by contractor in their initial bid offer, unless tax sought to be recovered is a new tax arising on account of Change in Tax Law which was not in force on date of bid submission.
7. No variation shall be allowed on account of any taxes applicable outside India.
8. Billing can be done from Gujarat or anywhere in India.
9. Contractor shall issue proper Tax-invoice as stipulated under Goods & service tax (GST) legislation or any such other legislations as may be relevant from time to time.
10. Each party hereto, agrees to indemnify and keep indemnified and saved harmless at all times the other party against any loss, cost, expenses or damage suffered or incurred by it, by reason of its failure to pay taxes, duties, etc. which it is obliged to pay pursuant to provisions of this clause and / or arising out of its failure to comply with its obligations under this clause.
11. Tax deductions at source will be made by CLIENT on payments made to contractor, as per the applicable Central and State laws.
12. All payments to contractor shall be subject to applicable withholding (whether applicable as of the date of Contract or imposed / required by any municipal, local, state or national government authorities or any other Government Instrumentality at any time during the subsistence of Contract) or statutory deductions as required in respect of income tax as well



as any other Taxes (including but not limited to Building and Other Construction Workers' Welfare Cess). CLIENT shall issue necessary tax deduction / withholding certificates to contractor. If contractor obtains appropriate lower withholding orders (as per CLIENT's satisfaction), withholding may be carried out at such lower rates.

13. The risk of all tax positions taken by contractor shall be borne solely by contractor.
14. Contractor shall strictly and in a timely manner, adhere to and undertake all acts, omissions and compliances required under applicable GST laws to ensure that CLIENT is able to avail Input Tax Credit / set off / rebate / refund of GST (along with cesses and surcharges, if relevant) applicable on supplies made by Contractor to the fullest extent possible under law. In this regard, without limiting generality of foregoing obligation in any manner whatsoever, CLIENT reserves right to specify, for supplies envisaged under the Contract by Contractor, particular compliances to be undertaken (including aspects like (i) whether Contractor should charge IGST or CGST-plus-SGST; (ii) from where billing should be undertaken and to which registration of CLIENT; (iii) whether Contractor should be responsible to generate E-Way Bill; (iv) format of Tax-invoices / credit and debit notes / advance receipt vouchers; (v) maintenance of 'Compliance Rating' above a specified threshold; etc.) and relevant timelines for such compliances based on applicable GST laws.

(a) Contractor acknowledges that any failure in foregoing obligations (including undertaking the ones specifically instructed by CLIENT, if any) can cause significant losses to CLIENT in form of loss of GST credit, statutory interest liability on such credit loss (under applicable GST laws) and adverse impact on compliance rating and thus, undertakes to carry out this foregoing obligation with sincerity, due diligence and without any delay or demur.

(b) Contractor agrees that CLIENT will reimburse GST component on supplies received only when corresponding credit has become available in electronic credit ledger of relevant GST registration of CLIENT.

(c) Without prejudice to any other indemnification obligation under Contract, Contractor agrees to, at all times, to hold harmless and indemnify CLIENT from and against all claims, liabilities, expenses, proceedings, costs and losses that may be suffered or incurred by CLIENT which may arise out of or in connection with any failure by Contractor to adhere to its obligations under clause (a) above. In this regard, Contractor also hereby indemnifies CLIENT from any costs, claim or liability arising out of any claim or action or omission by any employee or consultant or agent or outsourced staff of Contractor.

69. Liquidated damages

- 1) Successful bidder acknowledges that time is essence of Contract and in case of any delay in completion of project by successful bidder end; said delay shall cause substantial damage to owner. Successful bidder hereby agrees without prejudice to any other right or remedy available to CLIENT under Contract to pay liquidated damages at rates mentioned herein.

Successful bidder and CLIENT agrees that amount fixed as liquidated damages herein are reasonable and are a genuine pre-estimate of minimum loss and damage that CLIENT would



suffer due to delay in completion by successful bidder and successful bidder shall not question rate of liquidated damages in court of law or raise any question otherwise.

Successful bidder guarantees that it will complete Project within time specified in **Clause of Project Schedule** or within such extended time as specified by CLIENT. Failure to achieve Completion of Project as per time schedule shall lead to application of **liquidated damages @1%** of total amount payable of Schedule A excluding taxes per week or part thereof subject to a **maximum of 10%** of Total Contract Price. Once Maximum is reached, CLIENT shall have right to terminate Contract, pursuant to **Clause of Termination of Contract** without prejudice to its rights for claiming further general damages under the law. CLIENT may without prejudice to any other method of recovery deduct the amount of such damages from any money's in his hands due or which may become due to successful bidder under the Contract. However, payment of liquidated damages shall not in any way relieve successful bidder from any of its obligations, duties, and responsibilities to complete facilities or from any other obligations and liabilities of successful bidder under Contract.

- 2) No bonus will be given for earlier completion of Project.



SECTION H – PAYMENT TERMS & SLA:

70. Payment Terms, Schedule of Payment

Successful bidder's request(s) for payment shall be made to CLIENT in writing accompanied by details of work executed, supported with evidence of accomplishment of the item wise work.

Milestone		% of quoted payment of concerned Schedule
1	Total Cost of Schedule A: Project Go-Live with 1 year warranty period	
1.1	On submission of AS-IS study and Blueprint for the project	10%
1.2	On delivery of entire IT Hardware, UHF Long range RFID readers, Boom Barriers, licensed software etc. at site location and its verification and acceptance by CLIENT.	30%
1.3	On successful Installation, Testing and Go-Live of project.	30%
1.4	On successful completion of handholding support period.	20%
1.5	Balance payment in Quarterly Arrears (i.e. 2.5% per quarter) during warranty period.	10%
2	Total Cost of Schedule B: Comprehensive AMC of 04 years	
2.1	On Quarterly basis in Arrears	100%

Note:

(1) While claiming payment of Milestone 1.1, successful bidder has to submit Tax-Invoice and two sets (1 – Original color and 1 – duplicate) of approved AS-IS report to CLIENT duly signed by competent authority of both parties.

(2) While claiming payment of Milestone 1.2, successful bidder has to submit Tax-Invoice, delivery challan / e-way bill of materials supplied along with its verifications & acceptance report duly signed by CLIENT's competent authority.

(3) While claiming payment of Milestone 1.3, successful bidder has to submit Tax-Invoice along with Project Go-Live certificate duly signed by CLIENT competent authority along with following documents:

- ✓ As-implemented architecture-diagram (in AutoCAD & PDF format)
- ✓ Asset Register comprised of model, make & serial numbers
- ✓ Warranty certificate (Back to back with OEM) for all components / system installed under this project.
- ✓ License documents for all components / system (wherever applicable) installed under this Project.

(4) While claiming payment of Milestone 1.4, successful bidder has to submit Tax-Invoice along with successful completion of the stabilization period certificate duly signed by CLIENT competent authority.

(5) For quarterly payment release of 1.5 & 2.1, successful bidder has to submit system quarterly uptime report, preventive maintenance report and service call reports of concerned quarter duly signed by CLIENT's designated authority.



71. Service Level Agreement

- The purpose of this Service Level Agreement (hereinafter referred to as SLA) is to clearly define the levels of service which shall be provided by successful bidder to the CLEINT for the duration of this contract period of project.
- All the payments related to the warranty, CAMC and Non comprehensive AMC period to successful bidder are linked to the compliance with the SLA metrics specified in this document.
- The project Service Level Agreement are proposed to be performance based. For purposes of Service Level Agreement, the definitions and terms as specified along with the following terms shall have the meanings set forth below:

1. “Uptime” shall mean the time period for which the specified services / components with specified technical and service standards are available for the application. Uptime, in percentage, of any component (Non-IT and IT) can be calculated as:

$$\text{Uptime} = \{ 1 - [(\text{System Downtime}) / (\text{Total Time} - \text{Planned Maintenance Time})] \} * 100$$

“Downtime” shall mean the time period for which the specified services are not available to the users.

- The scheduled outages / planned maintenance should be excluded from considering the downtime.
- Down time due to hardware / software and application which is owned by CLIENT at their premises.
- Negligence or other conduct of CLIENT, including a failure or malfunction resulting from applications or services provided / managed by CLIENT OR third party vendors.
- Failure or malfunction of any equipment or services not provided by successful bidder.

However, it is the responsibility of successful bidder to prove that the outage is attributable to the CLIENT only. Successful bidder shall obtain the proof authenticated by CLIENT’s official that the outage is attributable to the CLIENT.

2. Successful bidder will require to plan for ‘scheduled outages / planned maintenance’ in advance with prior approval of CLEINT. This will be planned during non - working hours. In exceptional circumstances, CLIENT may allow successful bidder to plan scheduled downtime in the working hours. The scheduled outages / planned maintenance will include activities like software upgrades, patch management, security software installations etc.
3. “Response Time” shall mean the time incident is reported to the deputed manpower.
4. “Resolution Time” shall mean the time taken (after the incident has been reported), in resolving (diagnosing, troubleshooting and fixing) or escalating (to the second level) getting the confirmatory details about the same from successful bidder and conveying the same to the CLIENT.



SLA for Software Uptime

The bidder has to design the system solution in such way that the system uptime should be 99%. The system uptime shall be measured on Quarterly basis. In case of system uptime falls below 99%, penalty as per following shall be applicable. The successful bidder has to establish a centralized dashboard for MIS reports along with integrated software solution uptime reports. The centralized dashboard shall be running live from the project's Go-Live date. Below mentioned SLA shall also be applicable post project's Go-Live:

Quarterly Uptime	Applicable Penalty on respective quarterly payment of warranty / CAMC Period
>=99%	NIL
>=98% and <99%	2% of Quarterly payment
>=97.0% and <98%	4% of Quarterly payment
>=96.0% and <97%	6% of Quarterly payment
>=95.0% and <96%	8% of Quarterly payment
<95%	10% of Quarterly payment

SLA for IT Infrastructure (at Central location as well as remote locations):

Successful bidder has to maintain the service response time during entire contract period. The Service response time & subsequent penalty applicable (in case of failure of maintaining the service response time) is as mentioned below:

❖ Maximum Time To Repair (MTTR):

Time required for successful bidder's support engineer to report at the site after a request call / e-mail / fax is made or letter is written by CLIENT shall not exceed 02 hours. The fault detection & rectification time shall not exceed more 04 hours. So total MTTR will be of 06 Hours. MTTR shall not be included in penalty calculation.

❖ Replacement Time:

During MTTR, if successful bidder's support engineer found that part of / entire equipment needs to be replace, he should bring it into the notice of CLIENT's designated authority before completion of MTTR. Replacement time will be of 24 hours which commenced from MTTR completion. Replacement equipment will be of same OEM make and having similar or higher technical configuration.

Failure of complying timeline of MTTR / Replacement Time will attract penalty as mentioned below:

Delay beyond MTTR / Replacement Time	Penalty per equipment per day in Rs.
Up to 1 Day	500/-
Additional from 2 nd day to 4 th day	750/-
Additional from 5 th day to 10 th day	1,000/-
From 11 th day onwards	1,250/-



Penalty calculation will start from the delay beyond MTTR. The time period consumed by the successful bidder beyond MTTR for restoration of particular equipment / system (by repairing OR by replacement with equivalent or higher configuration of same make OR by new shipment) will be considered as downtime and penalty will be applied as per above mentioned rate.

There will be penalty cap of 10% of quarterly invoice of warranty / CAMC period. In case, penalty of 10% imposed for two consecutive quarters, in such case, no payment of forthcoming two quarters will be released to the successful bidder. However, if penalty of 10% imposed for six consecutive quarters, then it shall be construed as material breach of contract and may lead to termination of the contract as per sole discretion of CLIENT. This however may not restrict the right of CLIENT to impose penalties as per RFP terms and the liability of successful bidder shall not be restricted to the said amount.

During contract period, the penalty will be recovered from Security Deposit & it is the responsibility of the successful bidder to restore the Security deposit at its full value within 15 days from the penalty recovery date and failure of same allow CLIENT to proceed ahead with forfeiting of SD.

Penalty for deputed Manpower:

Successful bidder has to ensure that the manpower must be deployed at the site location from the date of project Go-Live Date and acceptance by the CLIENT. Successful bidder has to maintain an attendance register of manpower deputed at site location which shall be duly signed by CLIENT's local competent authority. Successful bidder shall ensure that alternate arrangements are made on leave for the deputed manpower on its own. The deputed manpower has to get approve the leaves in advance by the local designated authority of CLIENT. Non deputation / absence of manpower at the sole discretion / approval of CLIENT's authority will not attract imposing of penalties. In rest of the cases, penalties applicable as mentioned below:

Penalty: Penalty manpower's non deputation / absence will be calculated on monthly basis and penalized amount will be recovered from quarterly payment of warranty / CAMC submitted by successful bidder. If successful bidder failed to provide replacement / substitute / New staff of same qualification & experience then penalty of **Rs. 1,500/- per day per manpower** will be applied. **However, manpower penalty is excluded from penalty calculation of software and IT Infrastructure (at Central location as well as remote locations as mentioned above. Also there will be no cap on manpower penalty.**

During contract period, all kinds of above mentioned penalties will be adjusted from remaining / balanced payments of interim warranty / CAMC. In case, if required, balanced penalty can also be recovered by revoking Security Deposit additionally. It is responsibility of successful bidder to restore Security deposit at its full value within 15 working days from penalty recovery date and failure of same allow CLIENT to proceed ahead with forfeiting of SD.

Exclusion from SLA:

- ❖ The scheduled outages / planned maintenance should be excluded from considering downtime.



- ❖ Down time due to failure or malfunction of any equipment or services not provided by successful bidder. However, it is responsibility of successful bidder has to prove that outage is not solely attributable to any equipment or services provided by successful bidder.
- ❖ Successful bidder will require to plan for 'scheduled outages / planned maintenance' in advance with prior approval of CLIENT. This will be planned during non - working hours. In exceptional circumstances, CLIENT may allow successful bidder to plan scheduled downtime in working hours. The scheduled outages / planned maintenance will include activities like software upgrades, patch management, security software installations etc.
- ❖ Downtime due to the last mile connectivity and raw power supply failure beyond UPS backup period will be excluded.

Successful Bidder's Liability of Deployed Manpower:

- ❖ The entire financial liability in respect of manpower deployed for this project shall be of the successful bidder and the CLIENT will in no way be liable.
- ❖ For all intents and purposes, successful Bidder shall be the "Employer" within the meaning of different Labour Legislation in respect of manpower so employed and deployed for this project.
- ❖ Successful bidder shall be solely responsible for the redressal of grievances / resolution of disputes relating to persons deployed. CLIENT shall, in no way, be responsible for settlement of such issues whatsoever.
- ❖ CLIENT shall not be responsible for any financial loss or any injury to any person deployed by the bidder in the course of their performing the functions/duties, or for payment towards any compensation.
- ❖ Manpower deployed by successful bidder shall not claim or be entitled to pay, perks and other facilities admissible to regular / confirmed employees of CLIENT during or after expiry of the Contract.
- ❖ In case of termination of the contract on its expiry or otherwise, manpower deployed by successful bidder shall not be entitled to and will have no claim for any absorption in the regular or other capacity to the CLIENT.
- ❖ Successful bidder will be responsible for compliance of all statutory provisions relating to Minimum Wages, Provident Fund, and Employees State Insurance etc. in respect of the persons deployed. CLIENT shall have no liability in this regard.
- ❖ In case, successful bidder fails to comply with any statutory / taxation liability under appropriate law, and as a result thereof the CLIENT is put to any loss / obligation, monetary or otherwise, CLIENT will be entitled to get itself reimbursed out of the outstanding bills OR by revoking Security Deposit, to the extent of the loss or obligation in monetary terms.



SECTION I – SCOPE OF WORK:

Location Details: Please find enclosed LIST OF LOCATIONS as Annexure A.

❖ Scope of Work:

The scope of work includes the supply, installation, implementation, and comprehensive maintenance of a hardware and software solution designed to upgrade the existing RFID-based Lignite/Lime Dispatch Management System by utilizing with RFID, and upgrading outdated hardware and software components. The scope includes digitalization of the entire vehicle movement process across all existing operational locations.

➤ Key Objective:

The key objectives of the solution design are as follows:

- To communicate the end-to-end solution to all stakeholders, including Weighbridge Operations, Monitoring Dashboards & Reports, and Surveillance Systems.
- To ensure traceability of the solution back to business requirements and reference architectures.
- To provide comprehensive views of the solution necessary for design, build, testing, and implementation phases.
- To define the solution's impacts for accurate estimation, planning, and delivery.

➤ Solution Overview:

The proposed solution is designed to enable a smart, automated, and highly available Weighbridge System using integrated digital technologies.

On-line, real-time and fully automated system is intended to identify and authorize equipment/dumpers / vehicles, to enter CLIENT premises/mines and prevent unauthorized entry in a specified region.

The desired system should be such that each equipment/dumper/vehicles entering the mine through the IN Gate shall be allotted/registered a RFID TAG containing a fixed number (Truck Registration number, Consumer name, address and other required details in short). The RFID Tag, then has been suitably positioned on the wind-screen of the each truck so as to enable UHF RFID Reader to read data onto it through RF beam.

Upon assignment of equipment/dumpers/vehicles, all relevant details such as ID Number, Vehicle Registration Number, Name of Contractor/Consumer, and any additional information as deemed necessary by CLIENT's local area management shall be automatically written into the RFID tag of each vehicle. This process shall be facilitated by appropriate intermediate software, to be supplied by the bidder along with the system. Once the data is successfully written and acknowledged by the system, the vehicle will be permitted to exit through the designated gate of the site.



Specific entry points within the mine premises shall be secured using an RFID-based system integrated with boom barriers. Only authorized personnel or service vehicles will be allowed entry. The system shall be fully integrated with CCTV surveillance, boom barriers, and traffic signal lights. The UHF RFID infrastructure must be tightly coupled with these components to ensure coordinated and secure entry/exit.

At each entry/exit point, the UHF RFID reader and boom barrier will authenticate vehicles. Only authorized vehicles will be granted access to the mine or plant area. CCTV cameras will be strategically positioned to capture real-time images of the vehicles upon successful RFID authentication, with time stamps. These images shall be transmitted to the central server in real-time.

Vehicles equipped with RFID tags may pass through the IN/OUT gates only after successful authentication via the respective gate's RFID reader. The RFID reader will trigger the boom barrier and associated CCTV camera, allowing or denying access. A flashing green light will signal authorization ("Permit"), while a flashing red light will indicate denial ("Deny").

The system must generate various Management Information System (MIS) reports based on RFID data collected at different checkpoints. Transactional data should be presented in both graphical and tabular formats and made available through a web-based application accessible at multiple administrative levels. The application must support both online and offline data capture, with automatic synchronization upon restoration of network connectivity.

The system shall provide the capability to whitelist or blacklist equipment for specific transactions based on operational requirements.

A centralized network monitoring dashboard must be included to display the operational status (active/inactive) of all deployed field equipment in real time.

UHF RFID readers will be strategically installed at locations beyond weighbridges and entry/exit gates to capture real-time location data of equipment in transit. A secure, password-protected web application shall provide real-time visibility of equipment location based on RFID event data.

Integration with the e-Royalty system is mandatory, ensuring unified tracking and compliance. Core objective is to make integrated Weigh Bridge which should fetch weighing and equipment information automatically from RFID system and calculate the net lignite / lime weight, generate the dispatch document from store data for further processing and send it to central database.

System should be able to generate equipment wise / weighbridge wise weighing summary details. The RFID Reader has been installed at weighbridge and the weighbridge data will be fetched automatically in software application to make operator independent autonomous weighbridge operations.



Before proceeding for the transaction, system should follow certain business checks such as earlier trip sheet is completed or not, vehicle is authorized for transaction or not etc.

- If Trip is not completed then vehicle should not be allowed in lease for new trip sheet.
- If Trip is not generated vehicle should not be allowed in plant area.

CCTV camera installed at weighbridge in such a manner that it captures number plate or details of weather vehicle is filled or unfilled. CCTV camera should be triggered using RFID system once transaction completes. All 13 Nos. of weighbridges are bi-directional and 2 Integrated UHF RFID readers are installed currently.

A centralized dashboard will be hosted at the Head Office to provide real-time monitoring and live status updates of all mine operations. The system will be supported by a clustered central database to ensure data redundancy, reliability, and high availability. Dashboard of information must be available through web enabled system for different authorities as per CLIENT's requirement.

Dashboard should provide Real time information of the vehicles such as,

- Nos. of Vehicles currently available within premises.
- Vehicle transaction details at specific point such as Entry, Exit, Weigh bridge.
- No. of vehicles in-transit for Lignite dispatch

User should be able to configure the alert profile in system, below mentioned are some suggestive list for the same,

- Overload alert at weighbridge
- Weighing difference limit (at source and destination)
- Nos. of time violation per equipment/operator

The integrated weighbridge and e-royalty system to generate invoices along with taxes and royalty data at all mines. GILDMS software application should be integrated with the e-royalty system and be capable of providing this invoice.

Integration with e-Royalty:

- The System should be integrated with the Commissioner of Geology and Mining, Gujarat's online trip sheet (Royalty Pass) generation system.
- The system should get the electronic weighbridge and vehicle details from the RFID system and send the data to CGM application and generate the trip number from them.
- With the help of relevant information from CGM server trip number with the required details needs to generate from the system on real-time basis
- The system should be complied the guidelines of CGM, Gujarat.
- Integration with e-Royalty system should be both the way, where in system should fetch and pass the data as per transaction.

Key Functional Highlights



The controller will communicate with the Weighbridge Indicator via serial port and with the application over TCP/IP.

The application architecture will follow a Master/Slave Model with database synchronization between local and remote servers, configured in a clustered environment for offline availability.

A centralized web-based application will communicate with each controller and local system over TCP/IP.

The automated Weighbridge System will:

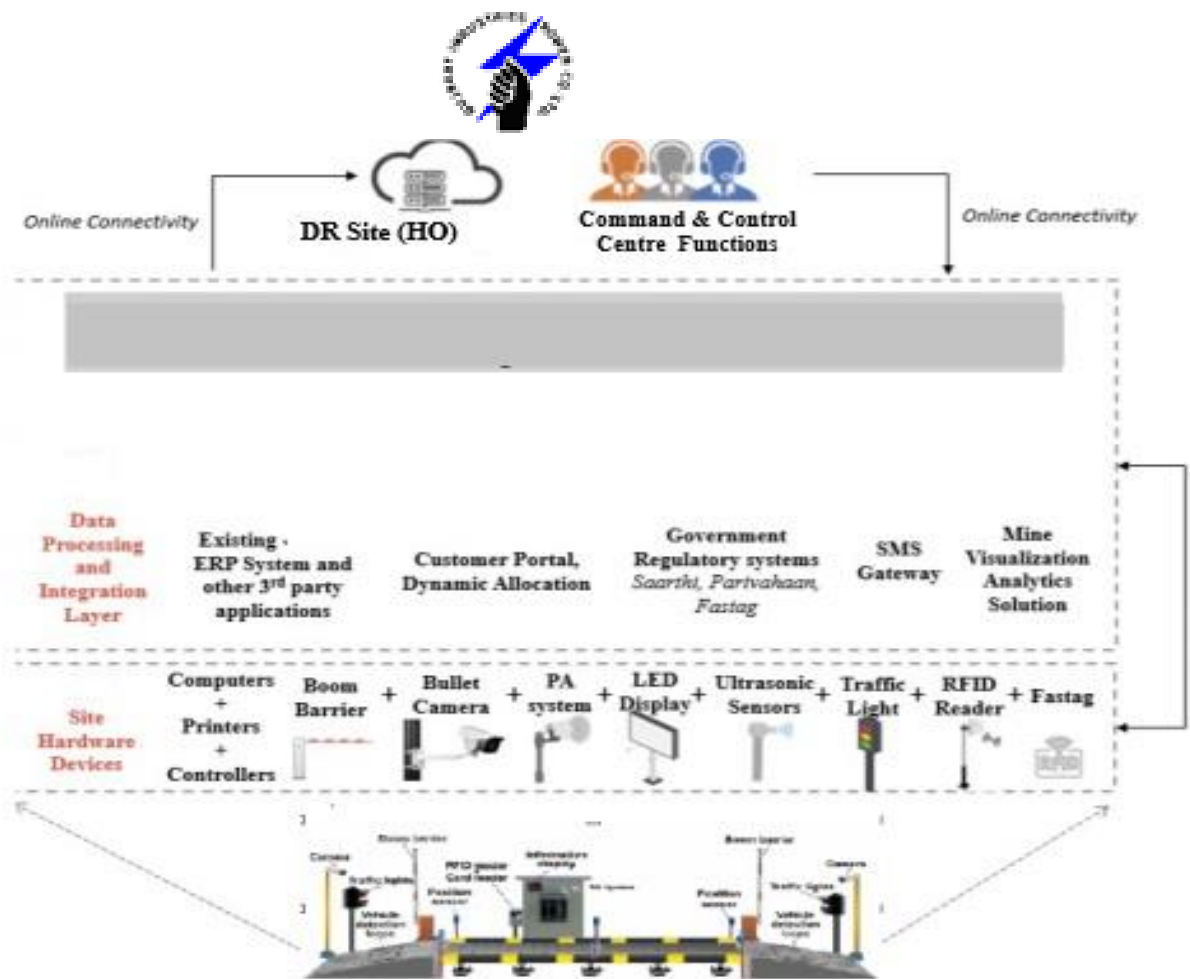
- Automatically identify vehicle positioning using RFID
- Capture weight data when the vehicle is correctly aligned
- Validate and store data in the database
- Interface with backend systems using secure web services
- Generate alerts and trigger workflows based on defined rules and conditions

➤ **Solution Summary**

The **solution framework** is summarized below:

Solution Framework Overview:

The RFID-based Dispatch System shall digitize each checkpoint of the truck circuit with the following capabilities:



- **Auto-population** of truck and relevant information from ERP based on unique RFID tag numbers, linking transporters and trucks to respective Delivery Orders (DOs).
- **Data capture capability**, including:
 - RFID data through RFID readers,
 - Camera feed data of laden and unladen trucks at entry and exit weighbridge checkpoints,
 - Weighment of trucks at entry checkpoint, entry weighbridge, and exit weighbridge.
- **Real-time vehicle tracking** using RFID (point-to-point basis) for better traffic management within the mine premises.
- **Event log sheet** maintenance vehicle-wise, with **alert generation** in case of deviation from the truck circuit.
- **Weighbridge automation** at tare and gross weighbridges.

Successful bidder shall develop the solution to implement all process flows as explained in detailed herewith the existing and proposed workflows.

Hardware Components Envisaged at Entry and Exit Weighbridges



Sr. No.	Component	Objective
1	Computer System	Data Automation
2	RFID Tags (Fastag)	Tracking of trucks within mine premises
3	Pole-Mounted RFID Reader and Antenna	RFID data capture
4	Pole-Mounted Bullet Camera	Remote monitoring of trucks (top and front views) and number plate identification
5	IR Sensors	Vehicle positioning on the weighbridge
6	Boom Barrier	Controlled access at checkpoints
7	Controller	Control boom barriers and traffic signals; pass logs to Cloud DC hosted at HO and Mine cluster
8	Traffic Signal	Guidance for boarding and deboarding at checkpoints

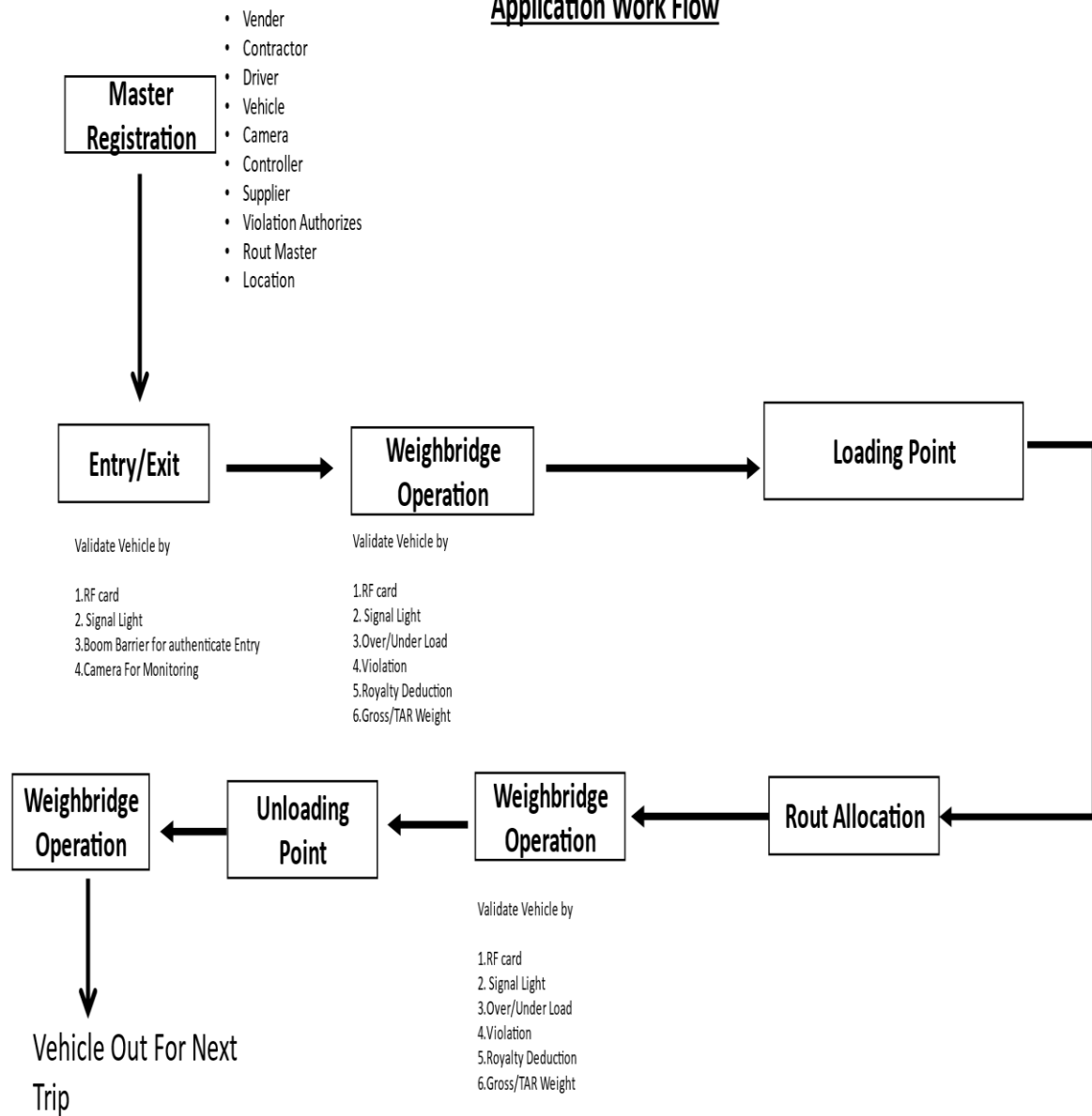
Successful bidder shall utilize the existing infrastructure and upgrade it wherever required to meet the desired objectives. CLIENT shall provide the existing network and power infrastructure up to the nearest junction point. Connectivity from the nearest junction point to the controller shall be under the successful bidder's scope.

Note: The above represents a **tentative solution framework** envisaged at this stage. Successful bidder shall be responsible for **designing and implementing a robust and comprehensive solution** that fully meets the project objectives. The detailed Scope of Work is specified as below.

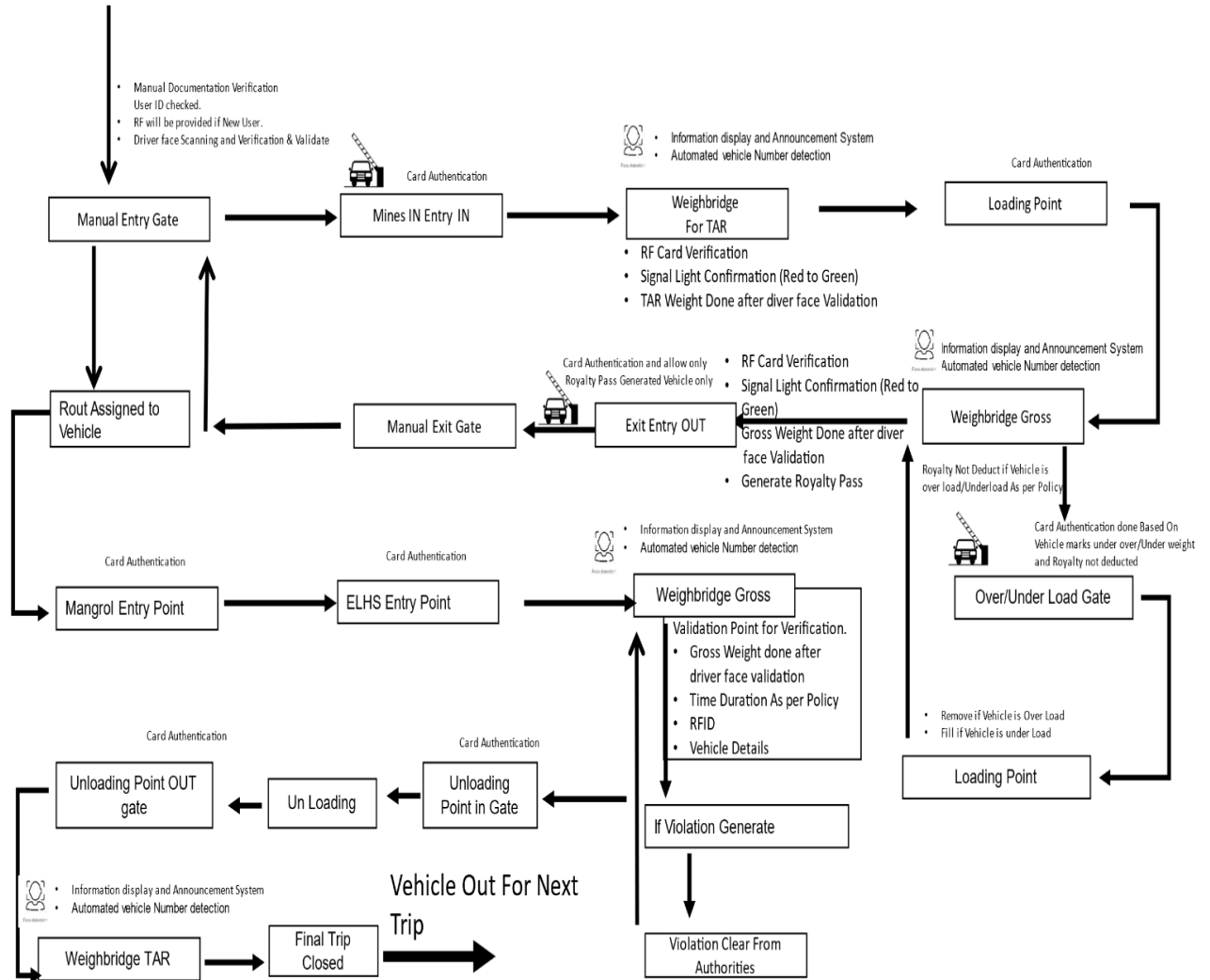
➤ **Application Workflow:**



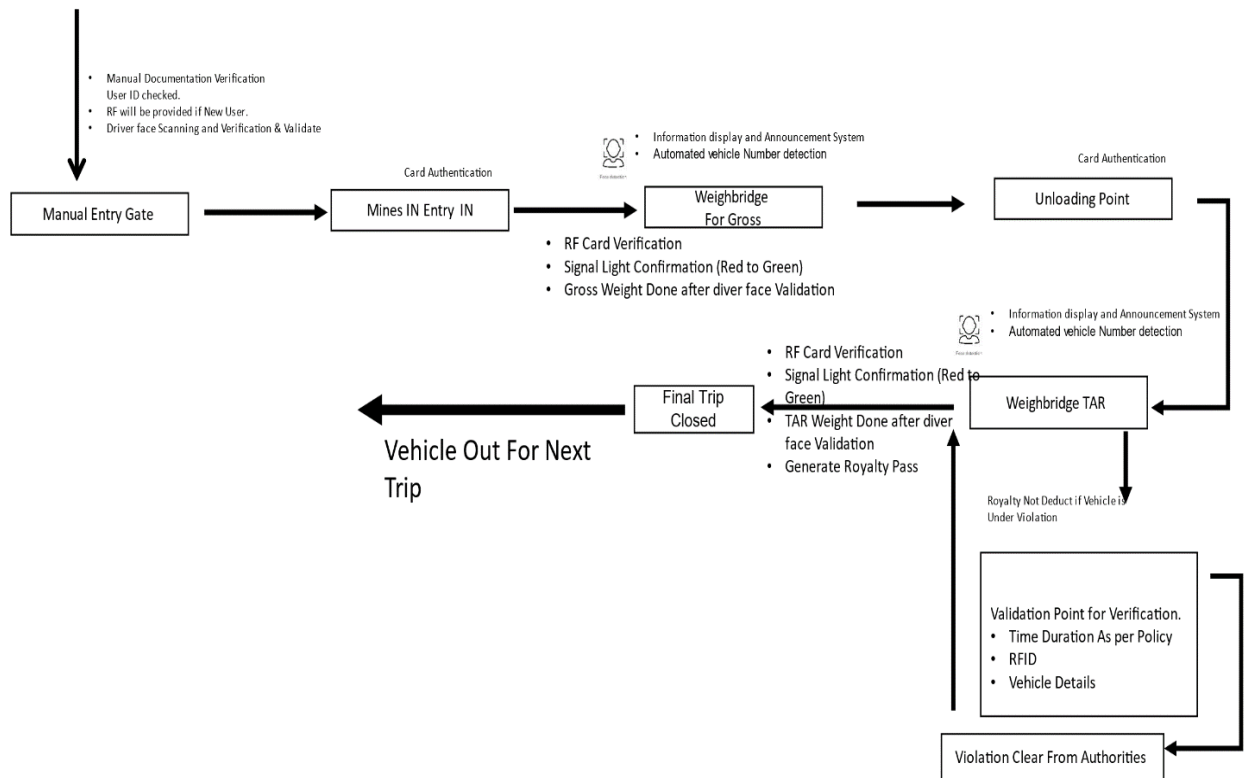
Application Work Flow



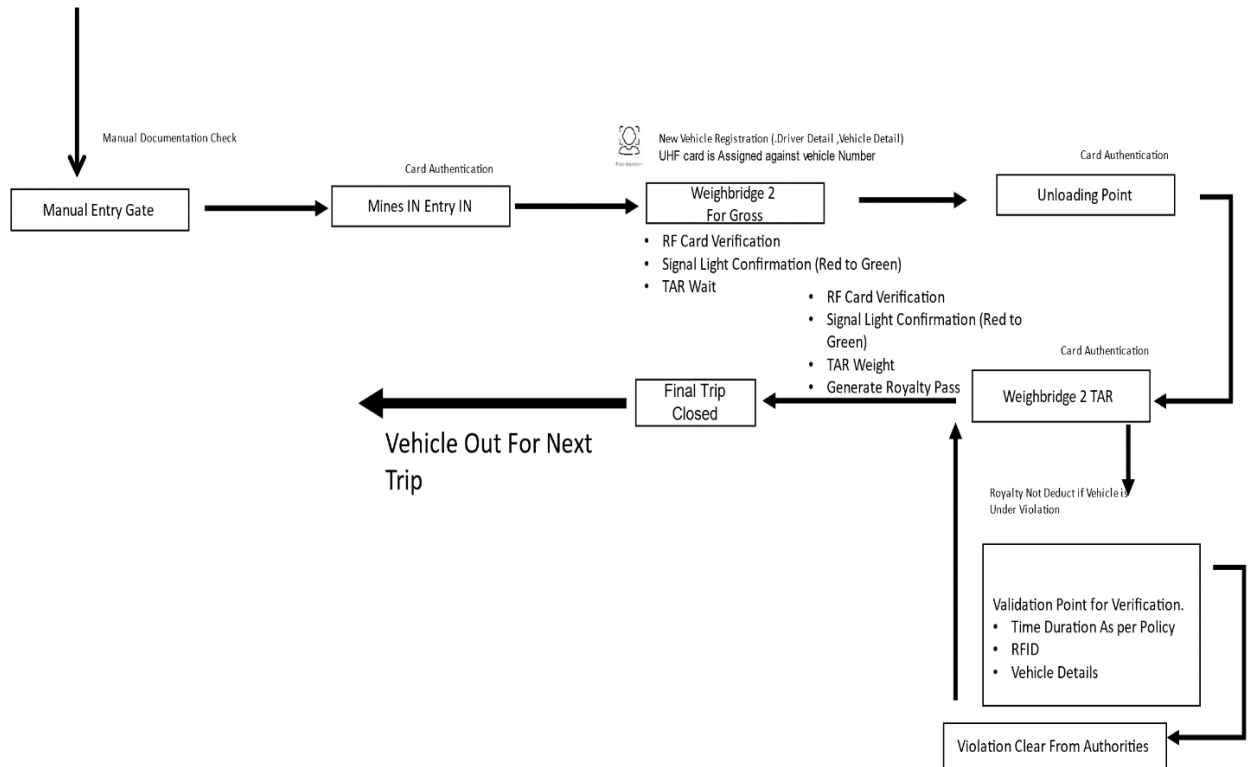
➤ Valia Mines Workflow:



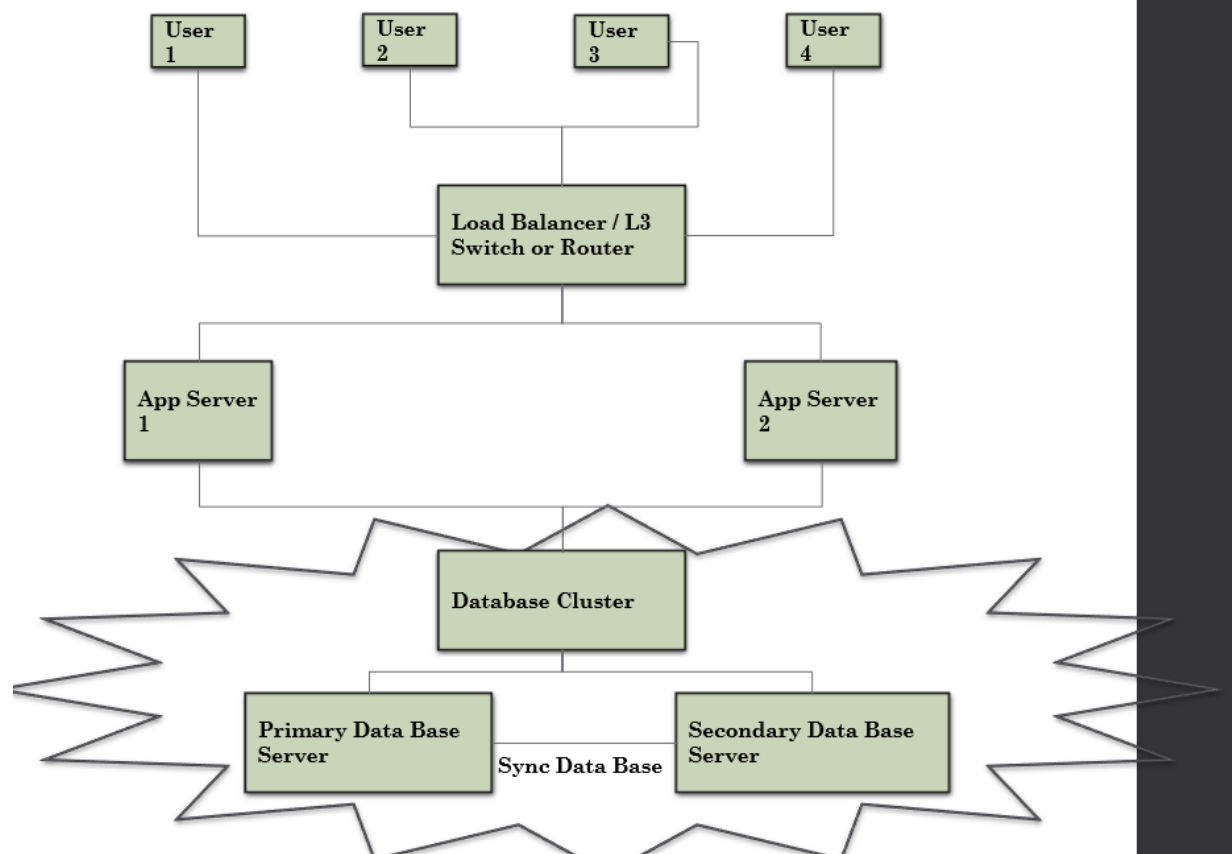
➤ Vastan Mines Workflow:



➤ **Vastan Limestone Mines Workflow:**



➤ **Sever Working Diagram:**



➤ **Server Working Flow chart in HA mode:**

(1) Client Requests & Load Balancer / L3 Switch or Router

- **Purpose:** Entry point of all client traffic.
- **Function:**
 - Distributes incoming requests across multiple application servers.
 - Continuously monitors app server health and reroutes traffic in case of failure.

(2) Application Server Nodes (App Server 1 & App Server 2)

- **Purpose:** Execute business logic and process user interactions.
- **Function:**
 - Multiple instances run in parallel for scalability and redundancy.
 - Designed to be **stateless**, allowing requests to be handled by any available node.
 - Connect to a common backend (database cluster).

(3) Database Cluster (Primary and Secondary Database Servers)

- **Purpose:** Centralized data storage for all application instances.
- **Function:**
 - Both app servers interact with the Database Cluster, ensuring consistent data access.
 - The cluster includes a Primary Database Server and Secondary Server (replica/failover).



- Data is synchronized (either synchronous or asynchronous) between the two.
- Ensures data redundancy and failover readiness.

(4) Failover and HA Mechanism

- **Purpose:** Ensure continuous service availability.
- **Function:**
 - Load Balancer/L3 Switch or Router performs health checks on application servers and routes traffic only to healthy instances.
 - In case of app server or DB node failure:
 - Traffic is rerouted to the available app server.
 - The Database Cluster fails over to the secondary node, minimizing downtime.
 - The system continues functioning with zero or minimal user impact.

➤ Existing Hardware List:

Sr. No	Name of Item	Make	UOM	Qty	Qty (in Use)
1	RFID Reader	CSL (Nirikshak)	Nos	53	51
2	Boom Barriers	BGI	Nos	5	3
3	IoT Controller	Nakalank & Amnex	Nos	30	28
4	Traffic Light	Standard	Nos	32	30
5	IP Cameras (Fixed)	Honeywell	Nos	20	20
6	IP Cameras (PTZ)	Polixel, Honeywell	Nos	11	11
7	Servers	Dell	Nos	4	4
8	UPS 1 KVA	Eaton	Nos	17	17
9	UPS 3 KVA	Eaton	Nos	3	3
10	Printers	-	-	-	-

➤ Note:

- ⇒ Existing electrical & network infrastructure will be utilized wherever feasible or approval by CLIENT.
- ⇒ Civil foundation will be constructed as required for boom barriers, RFID readers, CCTV cameras and traffic lights.
- ⇒ Required software licenses to be included in the submitted bid.

➤ Detailed Scope of Work:

The Scope of Work is divided into the following parts:

- **Part 1:** As-Is Assessment / Review of the Existing Dispatch System and Operations
- **Part 2:** Design and Development of Dispatch Management Solution
- **Part 3:** Supply, Installation, and Configuration of Hardware Components



- **Part 4:** Integration with Hardware and Implementation of Dispatch Management Solution including CGM's Online E-royalty system. API for E-royalty will be provided by CLIENT.
- **Part 5:** Training and Capacity Building
- **Part 6:** Comprehensive Annual Maintenance Contract (CAMC) & Non-comprehensive AMC Contract (Optional).

Part 1: As-Is Assessment / Review of the Existing Dispatch System and Operations

Successful bidder shall undertake the following tasks:

- Conduct an in-depth assessment of the existing Dynamic Allocation Portal, Customer Portal, relevant ERP modules, and Dispatch Applications to understand current data flows, system integrations data input & process validation.
- Review and assess different processes at the site, understanding operational challenges and interdependencies with third-party applications (i.e. CGM's Online E-royalty system).
- Analyse dispatch operations, data collection methods, process mapping and Transporter registration and dispatch mechanisms.
- Evaluate the existing technology landscape including software, hardware and communication systems.
- Review standard operating procedures (SOPs), workflow diagrams, and existing dataflow architectures.
- Observe dispatch operations in real-time to understand workflows, communication protocols, and decision-making processes at the mines.
- Identify existing Key Performance Indicators (KPIs) for dispatch effectiveness.
- Analyse operational data to detect patterns, bottlenecks, and inefficiencies.
- Identify any limitations or gaps in the current technological infrastructure to recommend a complete digitalized dispatch solution.
- Upon completion, successful bidder shall submit an As-Is Assessment Report to CLIENT's designated authority for review and approval.

Part 2: Preparation of System Requirement Specification and Design Document (SRSD)

Successful bidder shall carry out the following tasks under Part 2 of the Scope:

- After completing the As-Is Assessment Study, successful bidder shall prepare the SRSD document, elaborating on system design, architecture, business rules, and failover mechanisms for the Dispatch Management Solution.
- The SRSD shall include (but not be limited to) the following aspects:
 - System Hardware and Software Architecture
 - Database Design
 - Software Design
 - Hardware and Software Integration Architecture (including third-party applications and ERP)
 - Detailed Functionalities of Dispatch Applications
 - Detailed Functional Requirements for Hardware
 - Graphical User Interfaces (GUI) for all modules



- Cloud Computing and Storage Requirements
 - Interface Design between hardware and existing systems
 - Failover Mechanisms
 - Business Rules and Processes
- While preparing the SRSD, successful bidder shall align the design with the indicative transformed dispatch processes, and the minimum functional and technical requirements specified in this RFP.
- Successful bidder shall meet the minimum functional requirements and technical specifications and may propose additional enhancements in the SRSD.
- The solution shall capture timestamp details of each mineral-carrying vehicle at:
 - Entry into mine premises,
 - Tare weighing at the weighbridge,
 - Gross weighing at the weighbridge,
 - Exit from the mine premises.
 - Unload material at respective stockyards.
- Successful bidder shall obtain formal sign-off of the SRSD document from CLIENT before commencing solution development.
- The Dispatch Management Solution shall be implemented across all CLIENT locations with centralized real-time monitoring from CLIENT Head Office (HO) located at Vadodara / CLIENT's SLPP plant at GIPCL-SLPP site located at village Nani Naroli, Ta:Mangrol.

Part 3: Supply, Installation, and Configuration of Hardware:

Successful bidder shall undertake the following tasks under Part 3:

- Conduct a detailed study of hardware requirements at all checkpoints, based on specified transformed process flows.
- Supply hardware as per the Bill of Quantities (BOQ) specified in estimated Bill of Material – Section D of this tender document.
- Ensure that all supplied hardware meets the minimum technical specifications and functional requirements outlined in Section J of this tender document.
- Procure, supply, install, and configure all hardware at checkpoints after approval of the finalized quantities from CLIENT.
- Complete configuration and integration of hardware with the Dispatch Management Solution.

Part 4: Integration with Hardware and Implementation of Dispatch Management Solution:

Successful bidder shall design and develop the Dispatch Management Solution in accordance with the approved SRSD and minimum functional and technical requirements as outlined in this RFP.

A. Development and Implementation of Dispatch Management Solution:

- Develop the digitalization solution applications using the latest technologies.
- Integrate the solution with CLIENT's existing SAP ERP and other backend applications.
- Host applications using CLIENT's existing network and server room infrastructure.



- Provide additional required backend hardware such as servers and UPS systems.
- Upgrade existing infrastructure as necessary to maintain compliance and warranty coverage.
- Manage application hosting throughout the contract tenure in a secured environment.
- Deploy the solution in High Availability mode.
- Integrate applications with all relevant CLIENT and third-party systems.
- Implement Single Sign-On (SSO) features with encrypted password policies, Authorisation matrix and automatic expiry enforcement.
- Implement Service Level Monitoring and Maintenance System (SMMS) for proactive hardware and software monitoring.
- Develop and implement a Failover Mechanism to ensure minimal downtime and maintain uninterrupted service.

B. Integration with Other CLIENT Systems and Hardware:

The Dispatch Management Solution shall be integrated with:

- Hardware including IP Cameras, Boom Barriers, Traffic Lights, Weighbridge Digitizers through Desktop PC's Serial port(i.e. COM1), LED Displays, IR Sensors, RFID Tags and Readers, and Controllers.
- Government Regulatory Systems (CGM's E-royalty system).
- CLIENT's SAP ERP and third-party applications/APIs.
- SMS/WhatsApp/Email Gateways for sending alerts and notifications.

Integration with CGM's E-Royalty System:

CLIENT has integrated weighbridge and e-royalty system to generate invoice along with taxes and royalty data at all mines. GILDMS software application should be integrated with e-royalty system and be capable of providing this invoice.

Integration with e-Royalty:

1. System should be integrated with Commissioner of Geology and Mining, Gujarat's online trip sheet (Royalty Pass) generation system.
2. System should get the electronic weighbridge and vehicle details from RFID system and send the data to CGM application and generate the trip number from them.
3. With the help of relevant information from CGM server, trip number with the required details needs to generate from the system on real-time basis.
4. System should be complied the guidelines of CGM, Gujarat.
5. Integration with e-Royalty system should be both the way, where in system should fetch and pass the data as per transaction.

Future Integration Readiness:

The solution shall be robust and scalable, enabling future integration with sensors installed on mine excavators to provide real-time information at checkpoints, monitor excavator idling, and guide trucks to appropriate excavators for lignite loading.

C. Third-Party Audit of the Solution:

- Ensure compliance with CERT-In Security Policy and Guidelines.



- Engage a CERT-In empanelled auditor for a pre-deployment Security Audit.
- Bear the cost of audit and rectification of any non-compliances.
- Obtain a Safe-to-Host Certificate prior to Go-Live.

Activity	Responsibility
First Round Audit Report	Auditor
Rectified Solution Submission	Service Provider
Next Round Audit Report	Auditor
Further Rectification (if needed)	Service Provider
Compliance Confirmation	Auditor

Upon notification of solution completion, CLIENT may engage a third-party agency for final certification. Successful bidder shall rectify any deviations promptly.

D. User Acceptance Testing (UAT)

Upon deployment of the solution:

- Prepare and submit Test Strategy, Test Cases, and Test Results.
- Demonstrate features and functionalities to CLIENT in a staging environment.
- Support CLIENT in conducting testing activities.
- Rectify all identified issues, bugs, enhancements, or improvements without any additional cost before Go-Live.

E. Go-Live and Final Acceptance

- The solution shall be hosted in the production environment after UAT closure.
- After 15 days of stable operation and rectification of all feedback, CLIENT shall issue the Go-Live Certificate.

Acceptance will be based on meeting the following criteria:

- Functional Requirements
- Availability
- Performance
- Security
- Manageability
- Compliance with Standards and Protocols
- Successful commissioning and integration of all the equipment / components covered in the project as per the RFP and subsequently finalized SRSD, configured, customized and used successfully by all the intended users of the CLIENT as per the SLAs and / or mutually agreeable levels.

F. Project Documentation

Successful bidder shall submit the following documentation to CLIENT (in soft copy as well as 02 sets in Hard copy, PDF format only):

- Finalized SRSD Document



- Detailed System Diagrams and Continuity Plans
- Hardware and Software Configuration Details
- Troubleshooting Manual
- User and Administrator Manuals
- Operational Procedure Manuals
- Test Plans and Test Reports
- Other Technical Documentation
- Security Audit Reports and Safe-to-Host Certificate

All documents shall be finalized in consultation with CLIENT as per the requirements outlined in the Scope of Work.

Part 5: Training and Capacity Building:

1. Training Delivery:

- User Identification: Successful bidder will identify and classify the users into different types and estimate the number of participants for each training session.
- Training Formats: A three-layer training approach (Basic, Walk-through, and Detailed) will be followed for all staff levels, including IT personnel.
- Training Methods: The training will involve classroom-based sessions, demo scenarios, presentations, and Q&A sessions.
- Location: Training will occur at a centralized location or at the mine site.
- Training Documentation: Manuals in English, Gujarati, and Hindi will be provided, including user, technical, installation, operational, and maintenance manuals.
- Additional Training: If the initial training is found unsatisfactory, additional training will be provided at no extra cost.

This section outlines the extensive requirements for hardware, software, training, and system integration. It emphasizes system scalability, security, and quality control throughout the installation and operational periods. The focus on training and capacity building ensures that all end-users are well-prepared to utilize the system effectively

Part 6: Comprehensive Annual Maintenance Contract (CAMC) & Non-comprehensive AMC Contract (Optional):

(i) Minimal, but not limited, responsibilities during Warranty Period:

- Warranty Period: 1 year from the "Go-Live Certificate."
 - Stabilization Period: First 3 months are dedicated to stabilization without additional costs to CLIENT.
 - Software Maintenance: Bug fixes, error resolutions, and software modifications as required, Minor developments, improvements in the output and input formats, Hand holding the users.



- Hardware Maintenance: Equipment covered for 12 months with repairs / replacements at no extra cost. It is preferable that successful bidder shall maintain 10% spare parts inventory at CLIENT's location to meet SLA compliance.
- On-Site Technical Support: Minimum 2 technical representatives deployed on-site for continuous support.
- Along with above, following responsibilities shall also be applicable during warranty period.

(ii) Minimal, but not limited, responsibilities during CAMC Period (4 Years):

- CAMC Duration: 04 years post-warranty.

Hardware CAMC scope:

- All the Hardware device configuration, firmware updation, re-booting and electronic component testing, problem troubleshooting and repairing shall be covered under CAMC.
- Repair, maintenance, re-alignment/re-configuration and reinstallation of hardware devices which are pertaining to GILDMS such as RFID Reader, Boom Barriers and RFID based GILDMS Software Applications shall be covered in CAMC.
- Preventive maintenance of all hardware devices including all parts and accessories shall be carried out in every quarter and submit the report to CLIENT IT department with details of such abnormality detected during the preventive maintenance.
- In case of any GILDMS hardware and software system down time measured beyond SLA period, then penalty shall be applied as per SLA.
- Service support engineer shall be fixed & installed RFID tags on appropriate position of vehicle's windscreen and post the data in GILDMS software application.
- Service support engineer shall check all GILDMS hardware status in the morning and mark the real status in the daily check list report and submit to CLIENT on daily basis.
- In case boom of the boom barrier damage technical issue of boom barrier then boom is required to be repaired immediately to provide working solution and replaced the boom as per standard specification of installed Boom Barrier.
- In case any hardware will be damaged due to Physically by users (Intentionally or unintentionally), Electrical power surge or Natural calamity will be not covered in CAMC and CAMC vendor has arranged to get damage hardware to be repaired on chargeable basis.
- Application Maintenance: Includes production monitoring, troubleshooting, performance issues, system changes and user issue resolutions.
- VAPT Testing: Successful bidder must cooperate with third-party vendors for vulnerability testing and fixes.
- Grievance & Feedback Handling: Establish a solution for reporting issues, with prompt response times for fault resolution.
- Repair / Replacement: Any damage to hardware, including incidents like vehicle collisions or natural disasters (e.g., lightning), must be repaired/replaced by successful bidder.
- Maintenance & Reporting: Successful bidder will handle preventive and corrective maintenance, submit regular reports (daily, weekly, monthly, quarterly) and ensure equipment cleanliness.



Software CAMC Scope:

- Resolve software bugs / issues which is related to GILDMS Weighbridge application, server applications including Web and Entry-Exit Application system, sub systems developed / deployed existing functionality OR services.
- No additional cost shall be applicable for resolving bug / issue of existing installed GILDMS Weighbridge application, server application including Web and Entry-Exit Application system and sub systems.
- CGM's online E-royalty integration related issues
- Successful bidder shall be responsible for carried out changes first in the GILDMS development server with the relevant test data and after testing activities done by CLIENT team and changes will be transferred in the GILDMS production server post CLIENT's confirmation.
- In case, if Software developed/modified under change request and same problem occurring again or any side effect or bugs observed afterward then it will not be considered for new change request and successful bidder shall resolve issue without any additional cost.
- CLIENT shall not bear the cost pertaining to lodging, boarding, transportation and service support.
- Any configuration changes and functional activities will be carried out by the successful bidder without any additional cost to CLIENT.
- Successful bidder shall submit the detail activity reports to CLIENT as and when any activities have been carried out.
- Successful bidder shall arrange for deploy senior person at CLIENT site while servers changeover will be required in case of GILDMS Database, Application or both servers totally down and required to restore GILDMS operation on top priority. In that case, CLIENT will not bear any additional cost.
- GILDMS Software application support service shall Include following software functions:
 - GILDMS Weighbridge Application
 - GILDMS Web Application
 - Server based GILDMS Entry-Exit Application for Loading / Unloading / Strategic points and Entry-Exit points.
 - CGM's online E-royalty system integration related issue
 - All Supporting software, middleware, firmware supporting software services etc.
- GILDMS database restoration; archival, fine tuning and maintenance support shall be covered during CAMC support.
- GILDMS online database replication server monitoring, configuration, daily backup checking, problem solving and restore database as and when required as directed by CLIENT.
- Updating/upgradation of software patches/firmware pertaining to operating system, database, middleware and development tools which are pertaining to GILDMS application client software and server software.

Manpower Service support Scope:-



- Resource Deployment: Minimum of 2 personnel per shift (24/7 operation) for the duration of the contract. Support engineers should be having a good experience in specifically RFID hardware technology, Boom Barriers, Network related hardware/software configuration, analysis, testing, debugging and resolving issue on site.
- Resource Replacement: Procedures for replacing personnel due to resignation, medical reasons, or non-performance.
- Safety & Compliance: Successful bidder must ensure all personnel adhere to safety regulations and CLIENT's standards
- Successful bidder shall provide contact numbers, email addresses, escalation matrix of a dedicated support team. CLIENT shall be kept informed well in advance in case any changes are being made in the contact details. Successful bidder have to maintain attendance sheet of onsite manpower duly signed by CLIENT's local authority.
- The personnel deployed onsite has to work for issue identification, analysis, find root cause, fine tuning and solution related to hardware and software and reporting to CLIENT's IT Dept. accordingly.
- In case the support engineer posted by successful bidder is not performing up to the desired level in the assigned support function or not maintain discipline or misbehave with CLIENT employees then CLIENT has rights to terminate support engineer and ask for replacement.
- Support engineer shall provide necessary support for reinstallation of the System or part thereof.
- Support engineer shall make sure that operation shall run smoothly during CAMC tenure.
- Deputed manpower shall follow Help Desk System to attend, resolve complaints raised by CLIENT from time to time.
- Normal Working Timing: The working timing is from 08:30 hrs. to 17:30 hrs. for on all working days. In case of any emergency requirements, support engineer shall also require to work on public holidays, Sunday or weekly off or after routine working hours as and when required for maintaining smooth and seamless operation of GILDMS.
- Support engineer shall report to IT Department and work as directed by CLIENT-SLPP IT department for solving the problem. After resolving problem, engineer shall prepare service call report and take the signature of the concerned user in service call report & submit to IT Department.
- Support engineer has to maintain RFID Hardware installed at various Mines location with serial number, location as per given format by CLIENT & should be maintained as per current status of hardware, which shall be submitted to CLIENT - IT Dept. as and when required.
- Support engineers shall follow the Help Desk system on priority for resolving the complaint. However, in convenience complaint received by other means of communication by phone call or e-mail shall be forwarded in Help desk system. Counting of down time shall start from the time of logging the complaint in Help Desk and shall continue till the resolving the issue. SLA shall be counted based on system log time and shall record call on system based on communication.
- Support engineer shall replace, remove or re-install any standby hardware after getting approval from IT officials only before the replace or install standby hardware.



- Separate excel sheet is required to be maintained as per CLIENT given format with all the detail of raised issue, issue attend by, action taken and issue resolved, hardware replaced or any hardware parts replaced with applicable value which are under CAMC / warranty.
- Support engineer shall perform the Preventive Maintenance work of all hardware under CAMC like RFID reader, boom barriers, including connected RFID Reader enclosure etc. on quarterly basis and submit status report.
- Support engineer shall shift, reinstall and remove faulty hardware as directed by CLIENT IT Dept as and when requirement arise without any additional cost. Successful bidder will be responsible for shifting hardware components within the mine premises. Weighbridge shifting is excluded. Apart from that new installation, shifting dismantles and reinstallation other than existing location of GILDMS hardware shall be done on chargeable basis.
- Support engineer has to provide services such as relocation of PCs or adding or removing accessories attachment or other devices / peripherals which are belong to RFID based GILDMS.
- Support engineer has to provide support for installation / re-installation of PC and ensures serial communication working on COM1(RS232) port and print out taking from GILDMS Weighbridge application.
- Support engineer has to check Weighbridges Desktop PC healthiness and take needful action to clean temporary files, checked installed printer, remove unwanted printer if any, create restore point whenever GILDMS Weighbridge application new version install on Weighbridge, etc. for smooth running of GILDMS Weighbridges and Web application of all Weighbridges.
- In case of any hardware / asset is damaged by support engineers, then successful bidder shall responsible for replacement with the same or higher technical configuration of same OEM.
- Submit daily reports on Issue Analysis, resolved and pending activities.
- Monthly and quarterly review report on the issues resolved and details of Changes handled and resolved.
- Support engineer should carry the identity card with photograph provided by successful bidder.
- Successful bidder shall ensure that, deputed support engineer will not transmit any physical or digital data, confidential information, video, and photograph through remote session, e-mail, and mobile or physically outside of CLIENT. In case suppose person shall caught or prove the guilty with proper evidence then legal action shall be taken by CLIENT against successful bidder.

(iii) Minimal, but not limited, responsibilities during Non-comprehensive AMC (2 Years):

- Non-comprehensive AMC duration: 02 years (Optional) post completion of CAMC period.
- Application Maintenance: Includes production monitoring, troubleshooting, performance issues, system changes and user issue resolutions.
- Monthly Inspections: Successful bidder must conduct regular physical checks and tests of installed hardware & software components.



- VAPT Testing: Successful bidder must cooperate with third-party vendors for vulnerability testing and fixes.
- Grievance & Feedback Handling: Establish a solution for reporting issues, with prompt response times for fault resolution.
- Maintenance & Reporting: Successful bidder will handle preventive and corrective maintenance, submit regular reports (daily, weekly, monthly, quarterly), and ensure equipment cleanliness.

❖ **Functional Specifications of the New Digitalized System:**

A. Functional Requirements of Hardware Components:

1. CCTV: Cameras for front and top views of vehicles; used to capture vehicle number and storage bed imagery.
 2. RFID Reader and Antenna: RFID system for vehicle identification.
 3. Boom Barriers: Installed at checkpoints to control vehicle access.
 4. Traffic Lights: Installed for vehicle management at entry and exit points.
 5. Controller: Integrates hardware and software systems for seamless dispatch management.
 6. Intelligent IR Sensors: Ensure optimal vehicle positioning on the weighbridge.
- Placement and Installation: Equipment must be installed securely and aesthetically, following industry standards. Proper cable laying and documentation are required.

B. Functional Requirements for Applications:

1. Dispatch System:
 - Auto-population of vehicle data using RFID.
 - Capture of RFID data, camera feed, and weighment details.
 - Real-time vehicle tracking and event logging.
 - Integration with other applications like ERP for comprehensive data handling.
2. Autonomous Weighbridge Operations:
 - Tare and gross weight management.
 - Integration with the system for vehicle identification, weight capture, and alerts for over/under loading as per RTO rules.
3. General Functionalities:
 - Compatibility with both Windows and Linux.
 - Secure data handling with anti-virus protection and access control.
 - System alerts for unauthorized entry/exit, and for system malfunctions.
 - License management for system installation.
4. Scalability and Future Integration:
 - The solution should be scalable to include additional sensors and integrate with future mine visualization platforms.

C. Hardware and Installation:

1. **Hardware Quality and Integration:**
 - All hardware components must be up-to-date and not obsolete.



- Proper installation, including site preparation, underground cable laying, and mounting arrangements, is required.
- 2. **Maintenance and Longevity:**
 - High-quality components should be used, ensuring durability, corrosion resistance, and smooth operation.
- 3. **Aesthetics and User-Friendliness:**
 - The equipment should be installed with attention to aesthetics and maintainability. Proper survey and testing will be required for installation and operational readiness.



SECTION J – TECHNICAL SPECIFICATIONS:

➤ 5MP MFZ Dome / Bullet CCTV Camera for Monitoring:

Sr.	Parameter	Description
1	Image Sensor	1/2.7” Progressive Scan CMOS Sensor or Better
2	Effective Pixels	2560 x 1920
3	Min. Illumination	Color 0.13, B/w 0.03 Lux, 0 lux with IR or Better
4	Shutter Speed	1/25s to 1/15,000 or better
5	Focal Length	2.7mm to 8mm or Higher
6	Iris Type	P-Iris
7	Video Compression	H.265 / H.265 Intellizip / H.264 / H.264 Intellizip / MJPEG
8	Resolution with aspect ratio	2560 x 1920, 800 x 600 @ 4:3 2560 x 1440, 1920 x 1080, 1664 x 936, 1280 x 720, 1024 x 576, 816 x 464, 800 x 448, 640 x 360, 480 x 272 @ 16:9
9	Multiple Streaming	Triple streams
10	Audio Communication	Bi-directional audio (2-way), 1IN/1OUT
11	Wide Dynamic Range	WDR 120 dB
12	IR Distance	Up to 50m
13	AI Object Analytics	Object Classes: Person, Bicycle, Bus, Car, Motorbike, Train, Truck, Any Class Trigger Rules: Object Detected, Perimeter, Linger, Dwell, Abandoned / Removed, Enter, Exit, Crowd, Queue Object Sub-Classes: Person Clothing Colour, Vehicle Colour
14	Network Protocol	TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, TLS, RTSP, ICMP, Unicast, Multicast, NTP, SMTP, WS-Security, SNMP, CIFS, FSTP, UPnP™, SIP
15	API	ONVIF Profile S, G, T & M*
16	Network	1 RJ45 10M/100M self-adaptive ethernet port
17	Power Supply	PoE & 12VDC support power supply failover
18	Operating Temperature	-40°C to 60 °C
19	Operating Humidity	0% ~ 95% relative humidity
20	Ingress Protection	IP67
21	Vandal Resistance	IK10
22	Certification	CE, FCC, UL & BIS

➤ 5MP Long-Range Bullet CCTV Camera for Weighbridge:

1	Image Sensor	1/2.7” Progressive Scan CMOS Sensor or Better
2	Effective Pixels	2560x1920



3	Max. Frame Rate	30/25 fps
4	Min. Illumination	Color: 0.5 lux B/W: 0.05 lux 0 lux with IR
5	Iris Type	P-Iris
6	Wide Dynamic Range	WDR 120 dB
7	Video Compression	H.265, H.264, MJPEG
8	IR Coverage	50m IR Distance
9	Focal Length	10 mm to 47mm, Motorized Varifocal lens, P-iris
10	Multiple Streaming	Triple Streaming
11	Online Connection	Support simultaneous monitoring for up to 5 users; Support multi-stream real time transmission
12	Resolution	2560 x 1920, 800 x 600, 2560 x 1440, 1920 x 1080, 1664 x 936, 1280 x 720, 1024 x 576, 816 x 464, 800 x 448, 640 x 360, 480 x 272
13	Video Privacy & Motion Detection	8 zones video mask & 3 Motion Detection Zones
14	Video Analytics	Video Analytics: Object Detected, Perimeter, Linger, Dwell, Abandoned/Removed, Enter, Exit, Crowd, Queue, Direction Object Classifications: Person, Bicycle, Bus, Car, Motorbike, Train, Truck, Any Class Object Sub-Classifications: Person Clothing Color (Upper, Lower), Vehicle Color
15	Memory Capacity	2048 MB RAM, 4096 MB Flash
16	Edge Storage	1TB Built-in micro-SD card slot, (Encrypted Storage)
17	Cyber security	TLS, HTTPS (HTTP over TLS), WS-Security, Certificate Management, Multi-level password protection, IP address filtering, HTTPS encryption, Enhanced Security (One-Click Security Hardening), User Access Log, Validate Complex
18	Network Protocol	TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, RTCP, RTSP, TLS, Unicast, Multicast, NTP, ICMP, IGMP, SMTP, WS—Security, IEEE 802.1x, PEAP, EAP—TLS, EAPoL, SSH, HTTPS, SOAP, WS—Addressing, CIFS, UPNP, LLDP, SIP, ARP, EAP-LEAP, OoS, Onvif Profile S,G,T,M
19	Web Browser Supported	MS Edge, Firefox, Safari, Chrome
20	ONVIF	ONVIF Profile S, G, T & M
21	Ethernet Network Port	1 RJ45 10M/100M self-adaptive ethernet port, MAC ID should be registered in the name of OEM
22	Audio Input / Output	Bi—directional, 1x Line input and 1x Line output
23	Alarm	1x Alarm In and 1x Alarm Out (External/Internal)
24	Hardware Reset & Factory Reset Button	Required Hardware Reset and Factory Default Button



25	Power Supply	PoE & 24VAC/12VAC support power supply with Redundant Power failover
26	Operating Temperature	-40°C to 60 °C, 0% ~ 95% relative humidity

➤ **5MP PTZ CCTV Camera for Monitoring:**

1	Image Sensor	1/2.7" Progressive Scan CMOS imager
2	Lens	6.8 mm – 126 mm, MFZ, P-iris
3	Field of View (FoV)	H: ~65° - 2°, V: ~38° - 1.5°
4	Minimum Illumination	Color: 0.1 lux, B/W: 0.5 lux IR on: 0 lux
5	Electronic Shutter Control	1/5 to 1/30000 sec
6	IR Illumination	Min 200 m IR (655 ft)
7	Pan/Tilt/Zoom	Pan: 360° continuous endless, 0.04° - 300°/s
8	Video Compression	Tilt: +15° to -90°, 0.04° - 180°/s
		Zoom: 30x optical, 12x digital, total 360x zoom
		Auto flip, 300 presets, 96 sequences, 16 programmable pattern, Apple peel, adjustable zoom speed, home position
		H.264, H.265, MJPEG
9	Max Resolution (HxV) & Aspect Ratio	2560 x 1920 to 480x272
10	Max Frame Rate (60 Hz/50 Hz)	30/25 fps
11	Video Streams	Triple Streaming with a maximum of 5 concurrent shared streams with Min 2 Stream @ 1080P.
12	Dynamic Range	True WDR up to 120dB.
13	Picture Settings	Auto Exposure: Multiple Profiles (incl Auto, Gaming, LPR), Multiple ROI (incl AI ROI: Object, Person), Gain Control (Auto, Max, Manual), Flickerless, White Balance (Auto Normal, Auto Wide, Manual), text overlay
15	Privacy Zones	10 user definable rectangular zones
16	EIS	Gyro sensor for Electronic Image stabilization (EIS)
17	Edge based Video Analytics	Object Detected, Perimeter, Linger, Dwell, Abandoned/Removed, Direction -Enter, Exit, Crowd, Queue detection.
18	Cyber security	TLS 1.2/1.3, HTTPS, WS-Security, Certificate Management, Multi-level password protection, IP address filtering, HTTPS encryption, One-Click Security hardening, User Access Log, Validate Complex Credentials, Disabling Unused Protocols, IEEE 802.1x.
19	Cameras Tamper Detection	Blackout, Whiteout, Scene Change (FoV tamper), Video Blur Detection.
20	Motion Detection Zones	On Full screen
21	Intelligent Auto Tracking	Object/Person Tracking



22	Network	IEEE 802.3, 10/100Base-T Ethernet, RJ45, auto sensing
23	Authentication and Security	TLS, HTTPS (HTTP over TLS), WS-Security, Certificate Management, Multi-level password protection, IP address filtering, HTTPS encryption, Enhanced Security (One-Click Security Hardening), User Access Log, Validate Complex Credentials, Disabling Unused Protocols, IEEE 802.1x (PEAP, EAP-TLS, EAPoL)
24	Protocols	TCP/IP, IPv4, IPv6, TCP, UDP, HTTP, FTP, DHCP, WS-Discovery, DNS, DDNS, RTP, RTCP, RTSP, TLS, Unicast, Multicast, NTP, ICMP, IGMP, SMTP, WS-Security, IEEE 802.1x, PEAP, EAP-TLS, EAPoL, SSH, HTTPS, SOAP, WS-Addressing, CIFS, UPNP, LLDP, SIP, ARP, EAP-LEAP, QoS
25	Network management	SNMPv1/v2c/v3(MIB-2)
26	Simultaneous users	Min 5 users
27	Application Programming Interface	API & ONVIF Profile S, G, T, M
28	Audio compression	G.711 μ -law
29	Audio Input / Output	Bi-directional, 1x Line input and 1x Line output
30	External I/O Terminals	2x Alarm In and 1x Alarm Out
31	USB	Micro USB
32	Power	IEEE 802.3bt PoE++ Type 4 Class 7 24VAC 48VDC
33	Dual Power Redundancy	Support Dual power supply failover PoE++ & 24VAC: 51.6W /48VDC: 48.5W with Auto Toggle.
34	Operating Temperature	Outdoor: -40°C to +60° C
35	Humidity	up to 95% RH, Non-Condensing
36	Casing	IP66/67, NEMA 4x and IK10 rated
37	Certification	BIS, BS/EN 55032 Class A, FCC Part 15 Class A; IEC 61000-4-2/3/4/5/6/11, IEC 60950-1, CSA 22.2 No. 60950, WEEE, EN50121-4, EN60950-1

➤ **Video Recording Server:**

Sr.	Parameter	Description
1	Compression	H.264, H.265, MJPEG
2	Maximum IP Cameras	min 128 full HD (1920x1080p) cameras per appliances
3	Two-way Talk	Onboard 1- Audio Inputs & 1- Audio Outputs.
4	Operating System	Server - Windows and Linux. Client - MAC, Windows, Linux. Mob App – Android & iOS
5	OS Location	Onboard Dual SSD Slot – Min 256 GB SSD with RAID 1 for OS drive.
6	Video Storage Rate	Min 650 Mbps (Incoming/Outgoing)



7	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording.
8	Record Mode	Manual, Time-lapse & Schedule
9	Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer, network loss, video loss
10	Resolution	32MP, 20MP, 16MP, 12MP, 4K, 6MP, 5MP, 3MP, 2MP, 1.3MP, 720P.
11	Local Client Display Rate	350FPS- 700FPS@HD resolution
12	Streaming	Live & recorded video up to 500 simultaneous PC clients
13	Sync Playback	1/4/9/16
14	Minimum Hard Drives	06 hot swappable HDD or better
15	Minimum Storage	Minimum 72 TB with hot swappable HDD or better
16	Raid Controller	RAID 0,1,5,6.
17	Monitor Output	Onboard - 1 HDMI + 1 VGA + 1 DisplayPort to connect min 3 Simultaneous monitors.
18	CPU	Intel® i7 or better, Xeon
19	RAM	Min 32 GB
20	Cooling Fan	4 Internal Fans
21	NIC	2 x 1 Gbps, 2x 10 Gbps NIC
22	USB	8 on board
23	Serial	Onboard dual serial port.
24	Alarm Inputs/Output	8/4 Alarm Inputs/Output. - Internal/External
25	Mob App	iPhone, iPad, Android phone.
26	Maximum User access	128 users per Server
27	Keyboard & Mouse	Included
28	Power Supply	Built-In Dual Hot Swap redundant Power Supplies.
29	Power	AC120V-240V, VAC, Auto Sensing, 50-60Hz
30	Form Factor	Rack Mount
31	Regulatory	FCC, EMS, CE, cNus, RoHs, TAA, NDAA Compliant

➤ **Video Management Software (VMS) with Client license:**

The Video Management System (VMS) will be used to access live and recorded video from multiple recording servers and IP cameras, as well as data from integrated subsystems connected to both local and wide area networks., The VMS software shall have a client/server-based architecture that can be configured as a standalone VMS system with the client software running on the server hardware and/or the client running on any network-connected TCP/IP workstation. Multiple client workstations shall be capable of simultaneously viewing live and/or recorded video from one or more servers. Multiple servers shall also be able to simultaneously provide live and/or recorded video to one or more workstations.

Standard & Certifications for VMS:

- ISO / IEC 14496 – MPEG-4
- ISO / IEC 14496–10, MPEG-4 Part 10 (ITU H.264).
- ISO / IEC 10918 – JPEG

**Functionality of VMS:**

- ✓ The VMS shall be support with minimum 512 nos. of thick clients and 16 Web Client, 16 mobile clients per NVR/Server, and There shall be no charge for concurrent clients connecting to the VMS.
- ✓ The VMS shall provide effective monitoring of video from IP cameras, IOTs, encoding devices, two-way audio and data in real time over local and wide area networks and shall provide interactive and multi-level mapping as well.
- ✓ The VMS shall provide single-screen administration across multiple servers and systems, including global configuration and monitoring of camera, encoder, and storage settings across the enterprise and shall provide simultaneous administration of all users on multiple servers.
- ✓ The VMS shall provide configuration of user authentication using LDAP/Active Directory features of the network.
- ✓ The VMS shall provide e-mail and text (SMS) notifications using SMTP Server configuration or Gateway.
- ✓ The VMS shall provide automatic identification and IP address assignment of compatible IP cameras and encoders with status display, the option to enable an embedded DHCP server to assign camera addresses via DHCP, it shall provide provisioned as a service without requiring any application to be running to operate and it shall also provide 2-way audio support between server, client, and cameras.

Architecture:

- ✓ The VMS shall provide a client/server-based architecture that can be configured as a standalone system, with the option to run the VMS on both Windows and Linux simultaneously. The client software shall be compatible with Windows, Linux, Android, and macOS, ensuring equal functionality on server hardware and/or any network-connected TCP/IP workstation.
- ✓ The VMS can be freely downloaded from the Manufacturer's official website at no cost, without the need for login credentials. This emphasizes the ease and accessibility of obtaining the VMS, ensuring that customers can download it effortlessly without any dependencies or the need for support from the OEM or Contractor, if required.
- ✓ The VMS software shall be capable of running directly on an IP camera, eliminating any dependency on a server. This will enable the IP cameras to function as both a server and an IP video recording device.
- ✓ The VMS shall provide view live video and audio, recorded video and audio and be able to configure the complete system all from a single application and Workstation.
- ✓ The VMS shall offer free both Web and a Mobile web Client, each operating without the need for any software installation. The both clients will include features such as live video viewing, recorded video playback, PTZ (pan-tilt-zoom) camera control, trigger activation, and support for simultaneous connections to multiple VMS servers. The transcode/decoding JPEG, H.264 and H.265 streams video into a JPEG file to optimized for browser screen compatibility before transmitting it to the client browser sent by VMS Server.
- ✓ The VMS shall provide free mobile apps for iOS and Android, offering features such as remote viewing of live and recorded video through the video server, PTZ control, and the ability to monitor and activate alarms and events from the mobile device. Additionally, the mobile apps



will support simultaneous interaction with multiple NVRs, servers, and storage devices, as well as the monitoring of events configured by a client workstation as well.

- ✓ The VMS software shall enable the simultaneous operation of multiple client applications on a single workstation, supporting at least 12 monitors, with each monitor displaying one client application.

Operating System:

The VMS server software shall be OS-agnostic and support installation on Latest Microsoft Windows and Linux OS and Client software access via a native application for Windows, macOS Android and Linux as well as a web-based client for remote access through browsers such as Chrome, Firefox, MS Edge, and Safari.

Camera & Device Support:

The VMS shall be pre-integrated with over 100+ different camera makes at the API level & ONVIF profile to ensure seamless integration between the cameras and the VMS software. Additionally, it shall support integration with more than 6,000+ cameras models from different camera makes and shall be listed on the VMS's supported devices list as well.

Recording

The VMS shall ensure continuous, uninterrupted recording of all video and audio and also record based on motion detection within a defined region, offer configurable pre & post -motion recording, and support video recording driven by metadata from IP cameras and integrated subsystems such as access control and intrusion alarm systems as well. The VMS shall support inbuilt time-lapse recording for capturing video at configurable intervals, providing a condensed view of longer time periods.

Video Bookmarking: A video bookmarking feature shall enable tagging, naming, and saving of video clips, while the VMS will allow organizing related bookmarks into cases.

Recording Storage: The VMS shall provide for recording of video as well as associated audio and data files, as determined by rules, events, or manual selection.

The VMS shall support recording video based on the following classifications:

- ✓ Free run video (all video).
- ✓ Time-lapse video @ 1 frame per second or less.
- ✓ Video associated with motion events as detected by the device, Video associated to triggered alarm states as configured by Event Linking,
- ✓ The VMS shall support the configuration of unique weekly recording schedules per camera,
- ✓ The VMS should also support a graphical representation of drive status for associated RAID-based storage.
- ✓ The VMS should be capable of automatically recording video locally on the cameras SD card in the event of a network storage connectivity failure. Once the connectivity is restored, these locally recorded videos should seamlessly merge with the network storage recordings, ensuring no manual intervention is required to transfer the cameras SD card-based recordings to the network storage.



Storage Types: The VMS shall support local HDD storage and iSCSI extended storage, allowing a remote storage unit to function as a local drive.

Storage Retention: The VMS shall support configurable "at most" rules to automatically delete video after a set time, and "at least" rules to prioritize preserving older video by deleting newer footage from other cameras. Minimum retention time shall be of 01 month.

Video Archiving: The VMS shall support archiving of video, audio, and data based on rules, events, or manual selection, with customizable archive targets for specific cameras and video. It shall support CIFS and NFS network shares for storage, allowing archiving to multiple locations based on camera, event type, or schedule. Continuous or scheduled archiving with weekly and customizable schedules shall be supported.

Events:-

- ✓ The VMS software shall trigger actions based on events such as video motion, video loss, ASCII input (including POS data), device/system health, IP camera connection, VMS display triggers, analytics rules, and date/time.
- ✓ The VMS software shall trigger actions based on events, including video recording, output triggers, email alerts, SSL/TLS encryption, CD/DVD burning, and camera PTZ preset calls.
- ✓ VMS Shall support users have the ability to create rules based on a combination of events. The VMS client shall be configurable to automatically switch views on any event within the event monitoring function.
- ✓ The VMS shall support search and playback from the client interface, allowing users to search and view recorded video, audio, and events from multiple cameras simultaneously. Users can search by time, date, video source, image region, or event type, with results displayed on a clickable timeline. It shall support synchronized audio and video playback, motion-based frame searches, visual thumbnail search, and zooming into specific time ranges. Archived video will be seamlessly included in any search, eliminating the need for separate archive searches.

Video and information display:

- ✓ The VMS shall provide a live display mode for viewing live video, audio, POS data, and alarms. It will save the location of video, audio, maps, and event views, accessible in both live and recorded modes, and support automatic cycling through saved views for a video tour with configurable dwell times.
- ✓ The VMS shall support multiple video streams per device, utilizing OpenGL and Direct3D for video rendering. It will leverage the client workstation's GPU for video decoding and allow viewing of cameras in logical groups and preset views.
- ✓ The VMS Shall support the suspect tracking functionality to links specific areas of a live video panel with other cameras, tracking suspects or objects across multiple views. Cameras with tracking show an icon, and areas are marked with a color overlay. Double-clicking the overlay switches to the linked camera.



- ✓ The VMS shall allow the viewing of live video from guard tour sequences. The VMS shall support the use of a panoramic lens on an analog or IP camera. The VMS client shall de-warp the image on both live and recorded video.
- ✓ The VMS shall be capable of organizing the camera video view panel in various customized layout patterns and support viewing up to 48 cameras (8x6) on widescreen 16:9 display panels.
- ✓ The VMS shall provide the ability to instantly push selected cameras, layouts, tours, groups or entire views to another client monitor, such as a public view monitor or a video wall, with the additional capability, tie push to user permissions, selectively disable receiving of pushed views.
- ✓ The VMS shall display overlay controls when hovering over a camera in live view. These controls will allow customization of text color, font, style, transparency, and location, and include options for audio inputs/outputs, alarm outputs, input events, soft triggers, serial data, and manual recording.
- ✓ System information shall be capable of display on a single page to include status of all recording servers and cameras alarms, events, MAC addresses, camera configuration, format and frame rate from each individual camera.
- ✓ The VMS shall display notifications to users for essential setup tasks, including configuring motion on all cameras, changing the default password, setting up email notifications, configuring multi-streaming, and adjusting the time delta between the server and camera.

Pan Tilt Zoom (PTZ):

The VMS shall allow authorized users to control PTZ cameras with adjustable speed for panning, tilting, and zooming. Non-PTZ cameras can be digitally panned, tilted, and zoomed in live and recorded modes. Control methods for PTZ cameras include PTZ graphics windows, live overlay icons, keyboard controls, presets, digital PTZ, and USB joystick or mouse control.

Mapping;

The VMS shall provide map functionality for authorized users, displaying video sources and their status, with adjustable FOV visualization for cameras. It shall support nested maps, sending event alerts to parent maps and changing icon colors. Soft triggers can be placed, viewed, and activated directly from the map.

Export:

The VMS software shall support exporting video, maps, POS data, and audio files without overwriting previous exports, with supported formats including .exe, .avi, .ps, .mov, and .psx. It shall allow exporting video segments from specific cameras or audio inputs to a CD or DVD upon an event. The VMS standalone player shall package exported video into a single executable file and use a keyed Hash Message Authentication Code (HMAC) to verify the integrity of the video.

Administration and Configuration:

The VMS shall support user administration with authentication via Active Directory, LDAP, or username/password, and allow permission configuration across multiple servers. It shall enable



granular permissions through custom user groups and maintain an audit trail of logins, actions, video views, and exports.

Health Dashboard:

- ✓ The system shall offer a browser-based dashboard to monitor the health and events of storage servers and connected cameras, including video loss, motion detection, camera disconnection, camera analytics, and recording alarms.
- ✓ The system shall provide a browser-based dashboard to monitor health and events for storage servers and connected cameras, including alarms for device failure, temperature, network activity, power supply, storage, updates, and security integration.
- ✓ Provides a configurable schedule to perform server tasks. Schedule server software updates. Schedule server configuration backup from a single server or in bulk. Schedule server configuration restoration from a single server or in bulk. Schedule maintenance for a server or multiple servers. Import a license to a server or multiple servers.
- ✓ The system shall allow for camera inspection. The system shall allow an image from a camera connected to a monitored server to be stored as the reference image. The system shall compare a reference image to a current image on demand.
- ✓ Reports: Allows creation of reports to: View and manage a list of unacknowledged events. View a list of open events. Search for specific events based on various criteria. Allows events to be searched based on various criteria, including event time, event type, and associated cameras and servers. Permits viewing of server licenses.

Video Analytics:

- ✓ A The Video Management System (VMS) shall support Video Analytics such as Object Detected, Perimeter, Linger, Dwell, Abandoned / Removed, Enter, Exit, Crowd, Queue Object. In case of cameras edge-based Video analytics, it should be seamlessly integrated over API/SDK with offer centralized VMS platform.
- ✓ The Video Management System (VMS) shall support AI/ML Video Analytics based such as AI Object Classifications: Person, Bicycle, Bus, Car, Motorbike, Train, Truck, Any Class. AI Object Sub-Classifications: Person Clothing Color, Vehicle Color. In case of cameras edge-based Video analytics, it should be seamlessly integrated over API/SDK with offer VMS platform.
- ✓ A The Video Management System (VMS) shall support Alarm trigger from cameras such as Motion detection, AI video analytics, Alarm input, Blur Detection, Tamper Detection, Pre-Alarm Recording & MP4 Recording Format and same should be notified in the Web Client and Mobile app.
- ✓ A The Video Management System (VMS) shall support Backfill functionality of the cameras - In the event of failure of connectivity to the network storage the camera shall record video locally on the cameras SD card automatically and after the connectivity is restored with central Video Recorder, these recordings shall be automatically merged with the Video Recorder such that no manual intervention is required to transfer the SD card-based recordings to Video Recorder.
- ✓ Updates – The manufacturer shall deliver timely VMS software updates and provide the ability to update directly via network connectivity. The software shall support updates



without losing configurations and allow updating from within the software or through an executable program.

Redundancy & Failover:

- ✓ The VMS shall provide failover capabilities to ensure continuous video recording and operation in case of server failure. Dual-server (N+1) failover configurations shall be supported, ensuring uninterrupted operation across all video streams.
- ✓ The system shall allow the configuration of servers for failover. Server may be configured as a spare. Spare server may be added to a Failover Group. Failover Group will include servers covered by the spare to failover to in the case of failure. On server recovery, the spare shall failback and return to spare status.

Integration & API Support:

The VMS shall support integration with external security systems such as access control, intrusion detection, fire alarms, and building management systems. The VMS shall provide RESTful APIs and SDKs for custom integrations with other systems, such as custom alarms, reporting, or video analytics systems.

Audit Report: It can record an audit trail of when users log in that shows what changes they have made, what video they have viewed and what they have exported

Database compatibility: PostgreSQL & Microsoft SQL

Virtualization: VMS software should support Virtualization & has been tested to run in VMware and Microsoft Hyper-V environments and likely runs in any virtualization environment that presents virtual NIC MAC addresses through the virtualized operating system

Cloud Compatibility & Scalability :

- ✓ The VMS must be Cloud ready from the day one and Subscription must be available as on required. The VMS shall have a Cloud-to-Client (C2C) based architecture.
- ✓ It should be scalable to Cloud Storage & shall also be able to simultaneously provide live and / or recorded video to one or more Client workstations and Subscription must be available as on required.
- ✓ VMS shall be scalable to Utilize Cloud storage and Subscription must be available as on required. VMS shall be able to Customize cloud storage by choosing specific cameras to upload video to the cloud.

Cyber Security:

- ✓ The VMS software shall provide a configuration option to require 2 users enter unique passwords to authorize tasks involving the viewing of video.
- ✓ The VMS software shall support SSL/TLS encryption.

➤ **Database Server:**



Sr.	Parameter	Description
1	Form Factor	Rack Mountable
2	Processor	1 x Intel Xeon 6 core Processor
3	Number of processors (std / max)	2
4	Storage Controller	1GB Battery Backed Cache to Support RAID Levels 0,1,5,10,6 Storage Controller shall supports SATA/SAS Drives
5	Memory (max)	32GB (2X16GB)
6	Expansion slots	Up to 3 PCIe Gen3 slots
7	Disk bays (hot swap)	up to 10 2.5 in. hot-swap serial attached SCSI (SAS)/serial advanced technology attachment (SATA) HDDs or SSDs
8	Fan	Redundant, hot-swappable fans
9	Proposed Internal Storage	6 X 1TB 12G SAS 15K HDD SFF
10	Network interface	Dual 10GbE via OCP or PCIe NIC
11	Power supply (std/max)	Dual Hot-plug PSU supported
12	RAID support	RAID controller with cache RAM
13	Energy-efficiency compliance	Compliant with 80-PLUS and ENERGY STAR energy-efficiency standards
14	Operating systems supported with required licenses	Window/ Linux based latest licensed operating System, Latest license version of MS SQL database server.
15	Ports	Front Panel Ports : USB 2.0 :1 iDRAC Direct (Micro-AB USB) : 1 VGA : 1 Rear Panel Ports : USB 3.0 : 2 VGA : 1 Serial : 1 (optional) Dedicated iDRAC Network Port : 1 RJ-45 Ethernet (LAN) : 2 x 1GbE on-board
16	Keyboard	USB Keyboard
17	Mouse	USB Scroll Mouse

➤ **Application Server:**

Sr.	Parameter	Description
1	Form Factor	Rack Mountable
2	Processor	1 x Intel Xeon 6 core Processor
3	Number of processors (std/max)	2



4	Storage Controller	1GB Battery Backed Cache to Support RAID Levels 0,1,5,10,6 Storage Controller shall supports SATA/SAS Drives
5	Memory (max)	32GB (2X16GB)
6	Expansion slots	Up to 3 PCIe Gen3 slots
7	Disk bays (hot swap)	up to 10 2.5 in. hot-swap serial attached SCSI (SAS)/serial advanced technology attachment (SATA) HDDs or SSDs
8	Fan	Redundant, hot-swappable fans
9	Proposed Internal Storage	5 X 1TB 12G SAS 15K HDD SFF with hot spare
10	Network interface	Dual 10GbE via OCP or PCIe NIC
11	Power supply (std/max)	Dual Hot-plug PSU supported
12	RAID support	RAID controller with cache RAM
13	Energy-efficiency compliance	Compliant with 80-PLUS and ENERGY STAR energy-efficiency standards
14	Operating systems supported with required licenses	Window/ Linux based latest license version operating System, license copy of front end, middleware development tools.
15	Ports	Front Panel Ports : USB 2.0 :1 iDRAC Direct (Micro-AB USB) : 1 VGA : 1 Rear Panel Ports : USB 3.0 : 2 VGA : 1 Serial : 1 (optional) Dedicated iDRAC Network Port : 1 RJ-45 Ethernet (LAN) : 2 x 1GbE onboard
16	Keyboard	USB Keyboard
17	Mouse	USB Scroll Mouse

➤ **BOOM BARRIER SYSTEM**

○ **IoT Based Motorized Boom Barrier with 6 Meter Arm:**

Sr.	Parameter	Description
1	Mechanism	Electro-Mechanical
2	Maximum Boom Barrier Length	up to 5 Mtr
3	Construction	MS Powder Coated
4	NOISE	<70 dB
5	OPERATING TEMPERATURE	-20~+55
6	PROTECTION LEVEL	IP-55



7	Controller (PCB)	IP-68
8	MOTOR TYPE	DC Brushless
9	MOTOR POWER SUPPLY	24 VDC
10	POWER SUPPLY to SMPS	110~220VAC 50Hz
11	Housing	Steel or Higher
12	Operation	1.5 SECONDS FOR 1-3 MTRS 5.0 SECONDS FOR UP TO 6 MTRS

○ **IR through Beam Sensors:**

Sr.	Parameter	Description
1	Power Supply	12 - 33Vac / 15 - 35Vdc
2	Supply Protection Circuitry	Protected against reverse polarity and transient voltages
3	Output Protection Circuitry	Protected against false pulse on power-up and continuous short circuit of outputs. Short circuit protection at elevated temperature may require a power cycle to reset.
4	Operating Conditions	-20 °C to +60 °C
5	Relative Humidity	95% at +50 °C maximum relative humidity (noncondensing)
6	Environmental Rating	IP 54

○ **Fixed Long Range UHF RFID Reader with in-built/integrated antenna for outdoor open environment:**

Sr.	Parameter	Description
1	Physical Characteristics	440mmx440mmx50mm
2	Weight	1 Kg
3	Read Range	0 - 15mtr
4	Write Range	0 - 6mtr
5	Read Rate	Software Programmable, Average Reading per 64 Bits : <6ms
6	Read Mode	Timing or Touch, Software Programmable
7	Operating Mode	Answer, Active, Trigger
8	Antenna	Built-in 12dBi linear/circular polarized antenna
9	Air Interface Protocol	ISO18000-6B, EPC Class 1 Gen2 (ISO18000-6C)
10	Frequency Range	ISM865~868MHz IND
11	Environment	Operating Temp: -25oC to +60oC Storage Temp: -25oC to +80oC Humidity: 5% RH - 95% RH non condensing
12	Connectivity:	Ethernet / Wiegand
13	Power Supply:	DC +9V direct current power (power adapter)
14	Reading Clue	Buzzer and LED
15	RF Power Output	0-30dBm (adjustable)
16	Input / Output Ports	Two Outputs (Relay); One Input (TTL)
17	Protection Class	IP 67



○ **UHF RFID Tag**

Characteristics	Description
Frequency	865–868 MHz
Read Range	Up to 10 meters
Memory	EPC 96 bits
Protocol	ISO/IEC 18000-6C, EPC Global
Durability	Designed for outdoor environments & Standard industrial environment, Destruct on removal – Temper Proof.

○ **Intelligent Controller of Weighbridges:**

Sr.	Parameter	Description
1	Usage	To connect/interface stabilizing sensors
2	Processor	8 Bit microcontroller or better as per design requirement
3	Connectivity	RS232 and TCP/IP
4	I/O	Minimum 16
5	RFID Reader Interface	RS 232 or Wiegand
6	Number of RFID Reader support	Minimum 2
7	Interface with Digitalizer	RS232 / USB
8	Number of Boom Barrier Interfaces	2
9	Number of Position Sensor	Min 3 Pair of Sensors (3*3)
10	Self-Test Feature	Controller need to have a Test Interface of all system components
11	Interface for Display and PA system	RS232/TCP/IP
12	Offline Data Storage Capacity	5000
13	Display	LCD or OLED display
14	Keypad support	Min 3*3 array to take user inputs for configuration and self-test
15	Number of Traffic Light Support	2 set of Red Green and Amber Lights support
16	Hooter Support	1 Nos.
17	Clock	Built-in RTC
18	Timeout values	Configurable for server communication, boom barrier, digitalize and other components and value can be set between 1 sec to 255 seconds
19	Number of Retries	Configurable minimum 1
20	Number of Weight consideration for accuracy	Minimum 3
21	Max Delay in weight capture	30 seconds
22	Boom Barrier Open Period	30 seconds



23	Auto disable of non-working position sensors	System should identify automatically on self-test the non-working sensor and make use of redundant working sensor array
24	Minimum 2 set of sensor array at each position	The controller should have sensors arranged in a manner where controller can have at least 1 working set of sensors in case of failure event like wire cut or sensor damage. The self-test process must be automatic and the system must display error status code on software or display
25	Local data storage	In case of connectivity breakup, the controller can store data locally
26	Time Stamp	Controller must have a RTC for time stamp and also support facility to do time sync from server if auto test identifies the CMOS time issue on controller
27	Power supply	Controller can have backup battery power source so as the controller can work in absence of main power cut for at least 5 minutes

○ **Positioning Sensor Poles and Sensor Specifications:**

1	Should be made up of 2-Meter-high MS/GI Square Tube of minimum size of 72X72 MM and 2 MM thick.
2	There should be appropriately sized square base plate of minimum thickness of 8 MM with 20 Deg. Angle adjustment.
3	Each pole shall house three IR beam sensors, one at bottom, one at middle and one at top.
4	One face of the pole would be laser cut from top to bottom so that the three sensors along with the adjustable clamp could sit inside the pole so that the sensors remain inside the pole and would not be damaged in case something hits the pole.
5	Each IR Beam Sensor shall be first mounted on a small mounting assembly with a 2-axis adjustable clamp which would help during the positioning of the sensor.
6	The top sensor would be aligned in such a way that the top sensor would form a cross beam with the bottom sensor of the opposite pole IR beam sensor. The middle sensor would form a straight beam with the middle sensor of the opposite pole IR beam sensor.
7	Three pair of such poles shall be placed along the weighbridge.
8	All these sensors shall be connected to a controller to then interface with the man less weigh bridge controller module.
9	The complete structure should be powder coated with exterior Grade PU coat.
10	All the wires to be taken from inside hollow structure of the tube so that the wires are not visible from outside.
11	The top of the mounting pole must be sealed, and it should not be left hollow from top.
12	Sensor choice or assembly must support auto test feature to identify faulty sensors in automatic manner



13	The supply of sensor be such that incase of auto detection of non-working sensor the controller can disable the faulty sensors automatically
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○ **Traffic Light:**

1	Power	12VDC
2	Description - Two color - Red and Green	Stop/Go -Red and Green Traffic Light
3	Type	High Brite
4	Housing	200MM/300MM-Standard
5	LED	High bright LED's max up to 4 should be used as central source
6	Rating	IP56 or higher
7	Power Consumption	14W or better
8	Temperature	0 ° to +55 ° degree Celsius
9	MTBF	should be > 50,000 hours
10	Interface	Digital Output/ RS232/ RJ45 Ethernet Port
11	Certification	EN12368 Certified from EN certified lab or equivalent

➤ **Desktop Computer:**

1	Processor	Intel Core i5-12500, 12th Generation or higher
2	Chipset	Intel Compatible Chipset
3	Memory (RAM)	8 GB DDR5
4	Storage	512 GB SSD (PCIe NVMe, M.2)
5	Operating System	Windows 10 OR 11
6	Networking	Integrated Gigabit Ethernet (10/100/1000 Mbps)
7	Wireless Connectivity	Wi-Fi + Bluetooth
8	Ports & Slots	USB 3.2, USB 2.0, HDMI/DP, RJ-45, Audio In/Out (standard), in-built speaker.
9	Form Factor	Mini Tower (MT)
10	Certifications	Energy Star, EPEAT, RoHS compliant
11	Onboard /in-built RS232 Serial Port (COM1)	Yes
12	Monitor	Minimum 19" LED Monitor
13	Keyboard	USB standard keyboard
14	Mouse	USB optical scroll mouse
15	Onsite Warranty and support	05 years

➤ **1 KVA Single Phase UPS:**

1	UPS Capacity	1kVA
2	Load Power Factor	0.8
3	OVCD	Available



4	ECO Mode	Available
5	Converter Mode (CVCF)	Available, UPS de-rates to 20%
6	Bypass Parameters	Configurable
7	Cold Start	Available
8	Auto Re Start	Available
9	Display	LCD – User-friendly display.
10	Charging Profile	2-stage charging (Constant Current / Float Charge)
11	Temperature Compensated Charger	Available
12	Fan Speed Control	Yes
13	Controller	Microcontroller Unit
14	Phase / Voltage	1 Phase / 230V
15	Voltage	160V AC / 185V AC \pm 5Vac
16	Low loss / Come back at 80 - 100% load	160V AC / 185V AC \pm 5Vac
17	Low loss / Come back at 70 - 80 % load	140V AC / 155V AC \pm 5Vac
18	Low loss / Come back at 60 - 70 % load	120V AC / 135V AC \pm 5Vac
19	Low loss/ Come back at 0 - 60 % load	110V AC / 125V AC \pm 5Vac
20	High loss / Come back	300V AC / 290V AC \pm 5Vac
21	Power Factor	0.99 @100% R Load
22	Bypass Voltage Tolerance	170V - 264V (adjustable in front panel)
23	Bypass Frequency Sync	47.5Hz - 52.5Hz
24	Voltage	220VAC / 230VAC / 240VAC \pm 1%
25	Crest Factor	3:1
26	THDv	<3% Linear Load
		<5% Non-Linear Load
27	AC / AC Efficiency	Up to 90%
28	ECO Mode	Up to 97%
29	Overload Capacity	105 - 110% : 10 min
		111 - 130% : 1min
30	Noise Level	50dBA
31	Operating Temperature	0 - 40 deg C (with full Load)
32	1 HR Battery Backup	1512 VAH
33	RS 232	Yes
34	USB Com Port	Yes
35	Ingress Protection	IP 20
36	EMC	EN 62040-2
37	Safety	EN 62040-1
38	Certification	CE Certified
39	UPS Capacity	1kVA
40	Load Power Factor	0.8
41	Onsite Warranty and support	UPS: 05 years Battery: 03 years



➤ **3 KVA Single Phase UPS**

1	UPS Capacity	3kVA
2	Load Power Factor	0.8
3	OVCD	Available
4	ECO Mode	Available
5	Converter Mode (CVCF)	Available, UPS de-rates to 20%
6	Bypass Parameters	Configurable
7	Cold Start	Available
8	Auto Re Start	Available
9	Display	LCD – User friendly display.
10	Charging Profile	2 stage charging (Constant Current / Float Charge)
11	Temperature Compensated Charger	Available
12	Fan Speed Control	Yes
13	Controller	Micro Controller Unit
14	Phase / Voltage	1 Phase / 230V
15	Voltage	160V AC / 185V AC \pm 5Vac
16	Low loss / Come back at 80 - 100% load	160V AC / 185V AC \pm 5Vac
17	Low loss / Come back at 70 - 80 % load	140V AC / 155V AC \pm 5Vac
18	Low loss / Come back at 60 - 70 % load	120V AC / 135V AC \pm 5Vac
19	Low loss/ Come back at 0 - 60 % load	110V AC / 125V AC \pm 5Vac
20	High loss/ Come back	300V AC / 290V AC \pm 5Vac
21	Power Factor	0.99 @ 100% R Load
22	Bypass Voltage Tolerance	170V - 264V (adjustable in front panel)
23	Bypass Frequency Sync	47.5Hz - 52.5Hz
24	Voltage	220VAC / 230VAC / 240VAC \pm 1%
25	Crest Factor	3:1
26	THDv	<3% Linear Load
		<5% Non Linear Load
27	AC / AC Efficiency	Up to 90%
28	ECO Mode	Up to 97%
29	Overload Capacity	105 - 110% : 10 min
		111 - 130% : 1min
30	Noise Level	50dBA
31	Operating Temperature	0 - 40 deg C (with full Load)
32	1 HR Battery Backup	4680 VAH
33	RS 232	Yes
34	USB Com Port	Yes
35	Ingress Protection	IP 20
36	EMC	EN 62040-2
37	Safety	EN 62040-1
38	Certification	CE Certified



39	UPS Capacity	3kVA
40	Load Power Factor	0.8
41	Onsite Warranty and support	UPS: 05 years Battery: 03 years



APPROVED MAKE

Sr. No.	Name of the Item	OEM / Make
1	UHF RFID Reader	Somfy / Novus / Rossaler
2	UHF RFID Tag	Somfy / Novus / Rossaler
3	IP CCTV- Bullet Camera with IR illuminator	Bosch / Axis / Tyco / Palco
4	IP CCTV- PTZ Camera with IR illuminator	Bosch / Axis / Tyco / Palco
5	IoT based Controller with related all accessories including Positioning sensors	Standard
6	Signal Light (Set of Red & Green)	Standard
7	1 KVA UPS (1 Hrs.)	Numeric / Schneider / Vertiv
8	3 KVA UPS(1 Hrs. backup)	Numeric / Schneider / Vertiv
9	Boom Barrier with safety sensors, loop detector, IR sensor, photo sensor and related all Accessories	Gaze / Gunnebo / Faac
10	Application Server	HP / Dell
11	Database Server	HP / Dell
12	Video Monitoring & Recording Server (VMS)	Bosch / Axis / Tyco /Palco
13	Desktop PCs for weighbridges with on board serial port and speaker	HP / Dell / Lenovo
14	Junction Box	Standard (Industrial Grade)



MAKE AND MODEL

Sr. No.	Name of the Item	Make	Model	Page no. of Physical Bid for Supporting Document
1	UHF RFID Reader			
2	UHF RFID Tag			
3	IP CCTV- Bullet Camera with IR illuminator			
4	IP CCTV- PTZ Camera with IR illuminator			
5	IoT based Controller with related all accessories including Positioning sensors			
6	Signal Light (Set of Red & Green)			
7	1 KVA UPS (1 Hrs.)			
8	3 KVA UPS(1 Hrs. backup)			
9	Boom Barrier with safety sensors, loop detector, IR sensor, photo sensor and related all Accessories			
10	Application Server			
11	Database Server			
12	Video Monitoring & Recording Server (VMS)			
13	Desktop PCs for weighbridges with on board serial port and speaker			
14	Junction Box			

Please add additional lines if required.

NOTE:

- ❖ Bidder has to compulsory quote for single OEM make & model of each & every item. The bid with multiples OEM & Models will be treated as non-compliance & that bid will be liable for rejection for further evaluation.
- ❖ Bidder cannot quote / propose those products whose OEM (Original Equipment Manufacturer) belonging to a country which shares a land border with India.



SECTION K – PRE QUALIFICATION CRITERIA:

Sr. No	Eligibility Criteria	Supporting documents (Notary certified true copy / self-attested)
1	Bidder shall be Authorized System Integrator / Partner having direct purchase and support agreements with OEM of UHF RFID reader, Boom Barrier, IoT based controller, Signal Light, CCTV Camera & Server Hardware quoted for this tender.	OEM MAF (as per format provided in Annexure VI) for products like UHF RFID reader, Boom Barrier, IoT based controller, Signal Light, CCTV Camera & Server Hardware quoted for this tender must be enclosed by bidder with technical bid.
2	Bidder shall be a company / LLP registered in India under Companies Act 1956 / 2013 or LLP Act, 2008 of India having existence of 03 years as on bid submission date.	Copy of as on date valid Incorporation / registration certification should be submitted.
3	Bidder's Average Annual Turnover (After deducting GST) of last 03 years ending on 31 st March, 2025 shall be at least of Rs. 20.0 Crores on standalone basis.	Audited Financial statements for the past three financial years. along with statement.
4	Bidder must have Positive Net Worth on standalone basis in last financial year ending on 31 st March, 2025. (Networth = Share capital + Reserves & surplus (excluding any revaluation reserve and share application money pending allocation) – miscellaneous expenses).	Audited Financial statement for last FY 2024-25 along with statement.
5	<p>The proposed UHF RFID reader, IoT based Controller, CCTV Camera, Boom Barrier & Server Hardware OEM should have following:</p> <p>(i) Direct presence in India more than 03 years as on bid submission date.</p> <p>(ii) Own RMA and Repair, Maintenance & replacement set up in India for last 03 years as on bid submission date.</p> <p>(iii) Certificate confirming not have been blacklisted by any State / Central Government Department or Central / State Public Sector as on the date of tender publishing.</p> <p>Note: Registered offices by way of joint ventures, Franchise, agency, distribution partners will not be considered.</p>	<p>Letter of respective OEMs on it's company's letter head signed by authorized signatory confirming the required mentioned declarations along with followings:</p> <p>(i) Copy of Certification of Incorporation</p> <p>(ii) Any two documents from below list should be attached.</p> <p>Property Tax Bill of last year / Electricity Bills of last year / Telephone Bills of last one year / GST Registration / Valid lease Agreement.</p>



6*	<p>Bidder should possess minimum Three years of experience during last five years in similar nature of jobs like Design, Supply, Installation, Commissioning and testing RFID based Mineral dispatch Management system in Mining /Logistic /Smart transportation sector in India, which shall be include integration of UHF RFID readers, CCTV cameras ,Controllers, Boom barriers and traffic lights with developed software application and should enclose proof of the same. Bidders should have executed the work directly. The work executed as a sub-contractor or subletting agency shall not be taken in to consideration.</p>	<p>Bidder shall submit necessary evidence for the same like self-attested copies of work orders /Work Execution/ work completion certificates from clients. The work completion certificate shall comprise of Order value & Executed value.</p>
7*	<p>Bidder should have successfully executed followings projects wherein each project comprised of supply, installation, commissioning and maintenance in Mines / Logistic / Smart transportation Sector in India within last 05 years ending on the tender floating date:</p> <p>One (01) project comprised of integrated software solution with UHF RFID reader, UHF RFID tag, CCTV camera, IoT based Controller, Traffic light, Boom Barrier having minimum order value of Rs. 5.0 Crores including taxes</p> <p style="text-align: center;"><u>OR</u></p> <p>Two (02) projects wherein each project comprised of integrated software solution with UHF RFID reader, UHF RFID tag, CCTV camera, IoT based Controller, Traffic light, Boom Barrier and each project having minimum order value of Rs. 3.5 Crores including taxes</p> <p style="text-align: center;"><u>OR</u></p> <p>Three (03) projects wherein each project comprised of integrated software solution with UHF RFID reader, UHF RFID tag, CCTV camera, IoT based Controller, Traffic light, Boom Barrier and each project having minimum order value of Rs. 2.5 Crores including taxes.</p>	<p><u>In case of Completed project:</u></p> <p>Copy of work order + Completion Certificates from client + Project Citation</p> <p style="text-align: center;"><u>OR</u></p> <p>Copy of Work Order + Self Certificate of Completion (Certified by CS / independent auditor of the bidding entity) + Client Certificate + Project Citation+</p> <p><u>In case of ongoing projects:</u></p> <p>Work order + work completion Certificate from the client. The project must be commissioned as on the tender floating date.</p>
8	<p>Bidder must possesses as on date valid certifications of CMMI Level 3 in software development & ISO 9001:2015.</p>	<p>Copy of as on date valid certifications should be submitted.</p>



9	Bidder should have least minimum 15 Qualified experienced IT professionals associated with bidder's company at least period of one year reckoned from tender floating date and IT professionals should have work experience in Software development, IT/ITES projects.	A declaration letter of bidder's HR department for number of technically qualified professionals associated with the company. The letter shall contain IT professional education qualification details with skilled certifications, current designation, age in years, total work experience, work experience in current profile and description of current roles and responsibilities.
10	Bidder should be registered under GST.	Copy of valid registration proof should be submitted with bid.
11	Bidder should have an operational office in India as on tender floating date.	Copies of any of the following: Property Tax Bill / Electricity Bills / Telephone Bill / Valid Lease Agreement should be submitted with the bid.
12	Bidder should not have been blacklisted / banned / declared ineligible / declared having dissatisfactory performance by any government / quasi-government authority in India for supply of materials / carrying out operations and maintenance work within last 03 years reckoned from tender floating date.	An undertaking by an authorized signatory of the company needs to be submitted in this regard as per format mentioned in the Annexure III and Annexure XI
13	The authorized signatories of the bidder should execute a Power of Attorney / Notarized board resolution copy to nominate one person as an authorized signatory regarding all communications and execution of this project. The authorized signatory should sign all communications including the bid.	Original Power of Attorney / Notarized board resolution copy should be submitted in order to support their authorization to sign the document. The power of attorney should be submitted on a stamping of Rs. 300/- (Rupees Three Hundred Only).
14	Bidder should have to submit affidavit physically on Stamp paper as per format mentioned in Annexure XII.	ORIGINAL on Non-Judicial Stamping of Rs. 300/- duly attested by Magistrate / Notary.
15	Bidder shall have to submit the "Declaration-cum-Undertaking for Compliance of Safety Laws and Regulations" as per format mentioned in Annexure II.	Bidder has to submit a declaration letter on the company's letter head as per format mentioned in the Annexure II.

*** In case, bidder having work experience of a project complying both PQ criteria mentioned at Sr. No: 06 & 07 in totality, in such case, bidder's such work experience and project will be considered for evaluation of both PQ criteria of Sr. No: 06 & 07.**



INSTRUCTIONS TO BIDDER:

- ☐ All above mentioned documents for pre-qualification criteria of bid must be notary certified true copy/ self-attested.
- ☐ Work Order and Work Completion Certificate must be in English language only. In case, Work Order or Work Completion Certificate is in any other language, bidder has to submit notarized Work Order in English language only.
- ☐ For Pre-qualification criteria of work experience, bidder's any work experience as lead member / consortium member / joint venture / sub-contractor will not be considered as supporting documents.
- ☐ Above mentioned eligibility criteria should be necessarily met and adequate documentary proof be submitted for verification. If any / partial / all of the above mentioned eligibility criteria don't fulfill by bidder, in that case, such bid is disqualified for technical bid opening.
- ☐ Physical bid must be submitted by registered AD or speed post only. Any other mode is not allowed.
- ☐ Bid must be spiral bound without which bid will be straight way rejected. In case bid / document size is large then bidder can divide it into parts. Each part of bid should have proper indexing and page number mentioned and all pages of RFP must be signed and sealed.
- ☐ **Project will be awarded to that bidder who scored the highest composite (Technical + Commercial) Score. Technical weightage will be of 40% whereas commercial weightage will be of 60%.**
- ☐ **If more than one bidders scores the same highest composite (Technical + Commercial) Score then in such case, the bidder who quoted the lowest commercial will be awarded the project.**



SECTION L – PRICE BID:

Sr. No:	PRICE BID: SCHDEULE A - Supply, Installation, Go-Live with onsite warranty service and support for 01 year								
	Description	UoM	Qty	HSN code / SAC	Unit Rate	AMT.	GST rate %	Tax AMT	Total Amt. with taxes
	(A1)		(B1)		(C1)	(D1) = (B1xC1)	(E1)	(F1) = D1xE1/100	(G1) = (D1+F1)
1	UHF RFID Reader with related all Accessories	Nos	51						
2	UHF RFID Tag	Nos.	1,000						
3	IP CCTV- Bullet Camera with IR illuminator with Material Verification Analytics with related all Accessories	Nos	20						
4	IP CCTV- PTZ Camera with IR illuminator with related all Accessories	Nos	11						
5	IoT based Controller with related all Accessories including Positioning sensors	Nos	18						
6	Signal Light (Set of Red & Green) with related all Accessories	Nos.	32						
7	1 KVA UPS (1 Hrs) with related all Accessories	Nos	17						
8	3 KVA UPS (1 Hrs) with related all Accessories	Nos	03						
9	Boom Barrier with safety sensors, loop detector, IR sensor, photo sensor and related all Accessories	Nos	03						
10	Proposed Other IT Hardware & Materials								
11	Application Server with license copy of latest Windows server OS	Nos.	02						
12	Database Server with license copy of latest Windows server OS & Database server software	Nos.	02						
13	Video Monitoring & Recording Server (VMS) with license copy of latest Windows server OS & VMS server software with 60 client licenses	Nos.	02						
14	Desktop PCs for weighbridges with on board serial port and speaker	Nos.	12						
15	Miscellaneous Item (Pole and Fabricated Item, Junction Box etc.)	Lot	01						
16	GILDMS Desktop client software application for 12 Nos. Weighbridges	Nos.	01						
17	Server based GILDMS Application software including Web based application	Nos.	01						
18	GILDMS related all supported software services & functions and integration with CGM online e-royalty system with Weighbridge application	Nos.	01						
19	Configuration and integration of existing installed 30 Nos. of Controllers, 32 Nos. of Traffic lights and 31 Nos. of CCTV cameras, 03 Nos. of Boom Barriers with new hardware and software system	Nos.	01						
Total Amount of Schedule A in Rs.						T1		T2	T3



Schedule B - CAMC Cost in Rs.									
Sr. No:	Description	UoM	Qty	HSN code / SAC	Unit Rate	AMT.	GST rate %	Tax AMT	Total Amt.
	(A2)		(B2)		(C2)	(D2) = (B2xC2)	(E2)	(F2)= D2xE2/100	(G2) = (D2+F2)
1	CAMC cost of 2 nd year	Yearly	01		>=8% of T1 & <=11% of T1				
2	CAMC cost of 3 rd year	Yearly	01		>11% of T1 & <=14% of T1				
3	CAMC cost of 4 th year	Yearly	01		>14% of T1 & <=17% of T1				
4	CAMC cost of 5 th year	Yearly	01		>17% of T1 & <=20% of T1				
Total of Schedule B in Rs.						T4		T5	T6

Schedule C: Buyback Cost												
Sr.	Item Description	Qty	Make	Model	Serial Number	Under warranty (Y/N)	Date of Purchase	Unit Rate in Rs.	Amount in Rs.	GST in %	GST Amount in Rs.	Total Amount in Rs.
		(A3)						(B3)	(C3=A3xB3)	D3	E3 = C3xD3/100	F3=C3+E3
1	UHF RFID Reader	48	CSL	CS208	00057B850023,00057B850052,00057B85002B,00057B850066, 00057B850030, 00057B850054, 00057B85002B, 00057B850022, 00057B850038, 00057B850037, 00057B850051, 00057B850033, 00057B850030, 00057B850027,00057B85002D, 00057B85003C,00057B85003A,00057B85003B, 00057B850025, 00057B850034,VB61411ES0045, 00057B850043,00057B850070,00057B850067, 00057B85003D,00057B850059, VB61411ES0074, VB61411ES0049,00057B850032,VB61421ES009, B6141ES0026,00057B85002F, VB61411ES0047, 00057B850060, 00057B85004B, 00057B85004E, 00057B85005D, VB61421ES0059, 00057B850045, 00057B85003D,00057B85004F, 00057B850066, VB61421ES0075, 00057B85004D, 00057B85005F,00057B85005A,VB61421ES0055, VB61421ES0091	N	14-02-2014					
2	UHF RFID Reader	05	STALLION	BR12L	20190110004, BRLC24520058, BRLC24520056, BRLC24520060, BRLC24520051	N	N/A Replaced Under AMC					
3	Boom Barrier	03	BGI	L1000SV	Not Available- Local brand	N	14-02-2014					



4	Controller For RFID Reader	30	Nakalank & ISPL	IP base controller	Not Available- Local brand	N	14-02-2014					
5	Traffic Light For RFID System	32	ENVOYS	LED	Not Available- Local brand	N	14-02-2014					
6	PTZ IP Camera	11	Polixel (3) Honeywell (8)	CPLX301 , HSD-361PW- NETS, HISD-371WE, HDZ302LIK, I-HIP2PI-S33X)	000DF110A771, 000DF110A773, 000DF110A775 004A20A931D5, 004A20A92FBA, 004A20A93B55 02630123CA258CF8C84B, 02630123CA258CF93648 B273500108, B240500224 484889C4032A00093	N	14-02-2014					
7	Fixed IP Camera	20	Honeywell	HICC-P- 0100EIRV HBW4PER2	000EAEA34F3E, 000EAEA309B1, 000EAEA34F76, 000EAEA3433A, 000EAEA34FA3, 000EAEA3098F, 000EAEA30F73, 000EAEA34FD1, 000EAEA34F73, 000EAEA30A8C, 000EAEA3438A, 000EAEA34F65, 000EAEA34FD2, 000EAEA34F70 B266E00342, B266E00899, B266E00362, B266E00116, B266E00627, B266E00908	N	14-02-2014					
8	3 KVA UPS	03	EATON	91453000IN	ZK047A2031,ZK047A2024,ZK047A2006	N	31-03-2016					
9	1 KVA UPS	17	EATON	91451000IN	ZJ475A2021, ZK141A2022, ZK141A2013, ZK063A2015, ZK141A2014, ZK141A2002, ZJ487A2009, ZK141A2019, ZJ487A2010, ZK141A2011, ZK141A2023, ZK141A2006, ZK055A2006, ZK142A2021, GH216A2000, ZK064A2002, ZK141A2021	N	31-03-2016					
Total of Schedule C in Rs.									T7		T8	T9

Schedule D: Summary of All Cost Components				
Sr.	Description	Total cost (Excluding Taxes)	Total GST Amount	Total Amount with Taxes
1	Total Project Cost in Rs.	T10 = T1 + T4 - T7	T11 = T2 + T5 - T8	T13 = T3 + T6 - T9



NOTE:

- ☐ Above table D will be used for Price Bid evaluation purpose. T13 will be used for price bid evaluation purpose.
- ☐ Above quoted rates are valid for 180 days from the work order date.
- ☐ Project will be awarded to that bidder who scored the highest composite (Technical + Commercial) Score. Technical weightage will be of 40% whereas commercial weightage will be of 60%.
- ☐ If more than one bidders scores the same highest composite (Technical + Commercial) Score then in such case, the bidder who quoted the lowest commercial will be awarded the project.
- ☐ Bidder needs to quote composite rate i.e. CGST + SGST + CESS or IGST + CESS as the case may be. In absence of any clarification, it will be construed that quoted price are inclusive of all types of taxes and duties.
- ☐ Any changes in Govt. Taxes / Duties would be applicable as on actual at the time of invoice being raised.

Schedule E – Non- Comprehensive AMC Cost in Rs. (Optional – will not be considered while evaluating L1)									
Sr. No:	Description	UoM	Qty	HSN code / SAC	Unit Rate	AMT.	GST rate %	Tax AMT	Total Amt.
	(A4)		(B4)		(C4)	(D4) = (B4xC4)	(E4)	(F4)= D4xE4/100	(G4) = (D4+F4)
1	NC-AMC cost of 6 th year	Yearly	01						
2	NC-AMC cost of 7 th year	Yearly	01						
	Total of Schedule E in Rs.					T14		T15	T16



72. Overview of Evaluation Process

All evaluation will be carried out by GIPL on behalf of CLIENT as detailed below. The decision of GIPL/CLIENT at every stage will be final in this regard.

(i) Preliminary Scrutiny

The technical bids will be opened on the mentioned date in this tender document (or amended by GIPL/CLIENT by issuing corrigendum) at GIPL's Gandhinagar Office. The bid will be considered non - responsive in case of any of the following reasons and will not be eligible for next stage bid opening:

- (1) Non submission of tender fees
- (2) Non submission of EMD
- (3) Submission of tender fees / EMD with insufficient amount.

The qualified bidders will become eligible for pre-qualification criteria evaluation.

(ii) Pre-qualification Criteria Scrutiny

The tenders who do not conform to meet any / partial / all the pre-qualification criteria mentioned in tender shall be straight away rejected. All eligible tenders will be considered for further evaluation.

(iii) Evaluation of Technical bids

Technical bids of only those bidders, who qualify in the Pre-Qualification stage, shall be considered and will be evaluated as per the evaluation criteria in this clause. The Technical Bid will be examined on the basis of responsiveness to the technical specifications, of work and technical evaluation methodology mentioned herein the document. The tenders do not meet any of the technical compliances & other conditions mentioned in the tender shall be straight away rejected.

Technical evaluation of the bids would be carried out on 04 broad parameters as given below:

- ✓ Bidder's technical competence (55% of the total weightage)
- ✓ Proposed Manpower (15% of the total weightage)
- ✓ Technical Presentation (20% of the total weightage)
- ✓ Add-on functionality/features (10% of the total weightage)

TECHNICAL EVALUATION METHODOLOGY				
#	Parameter	Description & Marks	Max. Marks	Supporting Documents
A	Bidder's Technical – Commercial Competence		55	
A1*	Bidder should have executed Nos. of projects wherein each project comprised of supply, installation, commissioning and maintenance of integrated software solution with UHF RFID reader, UHF RFID tag, CCTV	For each project = 05 Marks & maximum up to 04 projects.	20	As per PQ Clause (7).



	camera, IoT based Controller, Traffic light, Boom Barrier in Mines / Logistic / Smart transportation Sector in India within last 05 years ending on the tender floating date.				
A3*	Bidder should have executed Nos. of software development projects in Mines Sector only in India within last 05 years ending on the tender floating date. The projects executed in mineral weighbridge automation / mineral transport system / automatic logistic management / automatic Entry and Exit Management should be considered.	For each project = 10 Marks & maximum up to 03 projects.		30	As per PQ Clause (7).
A4	Bidder's having valid as on date certification / appraisal for Software development	ISO 9001:2015 & CMMI Level 3	03	05	As per PQ Clause (8).
		ISO 9001:2015 & CMMI Level 5	05		
B	Proposed Manpower			15	
B1	Number of Qualified experienced IT professionals associated with bidder's company at least period of one year reckoned from tender floating date and IT professionals must have equivalent work experience in Software development, with UHF RFID reader, UHF RFID tag, CCTV, IT/ITES projects. P = No. of qualifying resources L= Project Leader for UHF RFID project.	P=15 L=1	05	15	As per PQ Clause (9).
		Every additional 10 employees =1 Mark & maximum up to 05 marks Additional Project leader = 05 marks			
C	Product Demo with Technical Presentation			20	
C1	Technical Presentation (covering minimal but not limited to following pointers) <ul style="list-style-type: none">• Project Planning, Delivery and Implementation• Tools and Techniques• SLA Adherence• Service Management• Post Implementation Support• Training Support			20	
D	Add-on functionality/features proposed over and above the RFP's scope of work without any additional cost to CLIENT			10	Declaration on company's letter head at the time of technical presentation
	Total			100	

Note:



(1)* Bidder should have to submit different Work experience for clauses of A2 and A3 i.e. a single project will not be considered as qualifying project for both A2 and A3 clauses.

(2) Work experience of bidder as joint venture / franchises / sub-contractor will not be considered. Project work experience must be of the bidding entity only. In case the Work Order or Work Completion Certificate is in any other language, the bidder has to submit notarized translated copy of Work Order in English language only.

The technical score of a bidder 'Tb' will be assigned to the bidder & it will be based on the Technical Evaluation Criteria as specified above. Tender's decision in this regard shall be final & binding and no further discussion will be held with the bidders whose bids are technically disqualified / rejected. The total technical scores achieved by the bidders shall be shared with the bidders & under any circumstances the breakup of the technical score shall not be shared with the bidders.

Tb: Absolute Technical Score; Tmax: Maximum Technical Score

Tn: Normalized technical score of the bidder under Consideration

➤ Normalized technical score (Tn) = $Tb / Tmax * 100$

(iv) Evaluation of Price bids

Price bids will be opened for the technically qualified bidders only. Price bids will be opened, in the presence of bidders' representatives who choose to attend the Price Bid opening on date and time to be communicated to all the technically qualified bidders. Bidder's representatives who are present shall sign a register evidencing their attendance. The name of bidder & bid prices will be announced at the meeting. The financial score of a bidder 'Fb' will be assigned to the bidder. 'Fb' will be the total commercial quote made by the bidder.

⇒ F_n = normalized financial score for the bidder under consideration

⇒ F_b = financial quote for the bidder under consideration

⇒ F_{min} = financial quote of the lowest evaluated commercial proposal

The lowest evaluated Financial Proposal (F_{min}) will be given the maximum financial score (F_n) of 100 points. The financial scores (F_n) of the other Financial Proposals will be calculated as per the formula for determining the financial scores given below:

⇒ Normalized Financial Score (F_n) = $100 \times F_{min} / F_b$

(v) Final Evaluation, Negotiations & Award of Contract

Proposals will be ranked according to their combined technical (T_b) and financial (F_n) scores using the weights (**T = 0.40** the weight given to the Technical Proposal; **P = 0.60** the weight given to the Financial Proposal; T + P = 1). The final evaluation will be based on Final Score which shall be calculated as shown below:

⇒ Final Score (S) = $T_n \times T + F_n \times P$

The bidder achieving the highest combined technical and financial score will be invited for



awarding the contract. In case of a tie, where two or more bidders achieve the same highest combined technical and financial score, then in such case, the bidder with the lowest financial quote will be invited for awarding the contract. Further, the successful bidder shall not reassign any award made as the result of this bid, without prior written consent from CLIENT.

(vi) Other evaluation & negotiations conditions:

- To facilitate evaluation of bids, GIPL, at its sole discretion, may seek clarification in writing from any bidder regarding the bid.
- The technical bid shall be first checked for responsiveness with the requirements of the tender including the fulfillment of the eligibility criteria.
- During the negotiation, the bidder must be prepared to furnish the detailed cost break up and other clarifications to the proposals submitted as may be required to adjust the reasonableness of proposals.
- The changes agreed upon during the negotiation will then be reflected in the commercial proposals using proposed unit rates. Successful bidder will not have the right to increase the quoted rate / taxation of any items to adjust the negotiated amount. The bidder should have to distribute the discounted amount equally among the all items.
- In the event of acceptance of the preferred bidder with or without negotiations, GIPL shall declare the preferred bidder as the successful bidder and CLIENT will notify the successful bidder through Work Order by registered post / email / fax that its bid has been accepted. Successful bidder shall acknowledge in writing, the receipt of Work Order within 03 (Three) working days from the Work Order issuance date.
- In case the successful bidder does not confirm the acceptance of the assignment within the stipulated time, Work Order issued stands cancelled and GIPL has the right to engage H2 bidder (who scored the second highest composite score of Technical + commercial bid evaluation) for the assignment and so on and so forth.
- Notwithstanding anything contained in this tender, CLIENT reserves the right to accept or reject any proposal or to annul the bidding process or reject all proposals at any time without any liability or any obligation for such rejection or annulment without assigning any reasons thereof.



SECTION M – ANNEXURES:

Annexure A: List of Locations

Gujarat Industries Power Company Limited (Surat Lignite Power Plant)
At & Post: Village - Nani Naroli,
Taluka: Mangrol,
District: Surat(Gujarat),
PIN: 394 112.



ANNEXURE I- COVERING LETTER

Date: dd/mm/yyyy

To,
General Manager (IT)
Gujarat Industries Power Company Limited (GIPCL)
P.O. Ranoli,
District: Vadodara – 391 350. Gujarat.

Reference: E- Tender No: GIPL/GIPCL_RFID/25-26/01 dated <DD/MM/YYYY> issued for
“Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol – Valia Mines site. ”

Dear Sir,

We, the undersigned, offer to provide the services and support for “Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol – Valia Mines site” in accordance with referenced E-tender. We are hereby submitting our proposal, which includes this pre-qualification proposal, technical proposal and an online commercial proposal submitted along with requisite EMD.

We hereby declare that:

- We offer to provide service and support for required components with respect to the requirements detailed in the RFP and provide the services at the prices and rates mentioned in the commercial proposal submitted online.
- All the information and statements made in our Proposal are true and accept that any misrepresentation contained in it may lead to our disqualification.
- We are not banned or blacklisted by any State / Central Government organization in India.
- There are no deviations from the requirement specifications of tendered items and schedule of requirements.
- There are no deviations from the terms and conditions of the tender.
- In the event of acceptance of our bid, we do hereby undertake:
 - ✓ To design, develop, install & implement the required solution with respect to the requirements detailed in the RFP and provide respective services.
 - ✓ To undertake the project and provide full support during the project execution, for revenue as mentioned in the commercial proposal.
- We affirm that the prices quoted are inclusive of software development cost, installation, at desired location of CLIENT, and support charges and inclusive of all freight, levies, etc.
- We enclose herewith the complete Technical Proposal along with this covering letter as required by you. This includes:
 - Proposed solution architecture and services offered as per RFP
 - Proposed Project Plan and Implementation Schedule



- Schedule of delivery
- Warranty
- Comprehensive AMC
- Non-Comprehensive AMC (Optional)
- Manufacturer's authorization form(s) if any
- Demand Drafts for Bid Security as per the requirement of RFP as indicated in "Important Information" are enclosed in the cover containing pre-qualifying requirements

We agree to abide by our offer for a period of 180 days from the last date of submission of proposal prescribed by CLIENT and that we shall remain bound by a communication of acceptance within that time.

We have carefully read and understood the terms and conditions of the tender and the conditions of the contract applicable to the tender. We do hereby undertake to provision as per these terms and conditions.

We do hereby undertake, that, until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and notification of award of contract, shall constitute a binding contract between us.

	Signature of Bidder (with official seal)
Date	
Name	
Designation	
Address	
Telephone	
Fax	
E-mail Address	
Detail of Enclosures: a) b) c)	



ANNX II: Declaration cum Undertaking for Safety Laws and Regulations Compliance
(To be submitted on Company's Letter Head)

I _____ on behalf ofName of Party/Company.....hereby confirm, agree and undertake that all the Statutory and Safety Laws and Regulations of the applicable Authority/ies shall be strictly followed for all types of works at the site during the period of the Contract, if awarded to me.

Company Seal

Signature

Name

Designation

Company.....

Date.....



ANNX -III: Declaration for Contractual Litigations

(To be submitted on Company's Letter Head)

Please Tick (✓) whichever is correct option

I _____ on behalf ofName of Party/Company.....hereby confirm that I /We have

- a.** Not invoked legal recourse e.g. litigation against any Govt. of Gujarat Undertakings / Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / organizations for the last three (03) years. There are no ongoing / pending legal matter(s) with any of the Govt. of Gujarat Undertakings / GoG supported Companies, including GIPCL.

Please Tick ()

OR

- b.** Invoked legal recourse e.g. litigation against any Govt. of Gujarat Undertakings / Depts. / Authorities and Govt. of Gujarat supported companies / undertakings / organizations for the last three(03) years.

Please Tick ()

If “b” is applicable, please submit the details for the same.

The above is true, as on date, to the best of my knowledge. Any breach/ false statement in this regard shall amount to disqualification of the Bid being submitted herein.

Company Seal

Signature

Name

Designation

Company.....

Date.....



ANNX –IV Schedule of Deviation From Technical Specifications and Commercial Terms and Conditions:

All the deviations from the general and special conditions of contract shall be filled by BIDDER clause by clause in this schedule.

Sr. No	Section	Clause No	As per Tender Document	Deviation

The bidder here by certifies that the above mentioned are the only deviations from CLIENT's terms and conditions of this tender document. The bidder further confirms that in the events any other data and information presented in the bidder's proposal and accompanying documents are at variance with specific requirements laid out in the CLIENT's terms and conditions, then the latter shall govern and will be binding on the bidder for quoted price.

Company Seal

Signature

Name

Designation

Company.....

Date.....



ANNX-V DECLARATION ABOUT THE SITE VISIT:

I / We do hereby confirm and declare that I / We have independently inspected Surat Lignite Power Plant (SLPP), GIPCL in Surat district and have ascertained & obtained all relevant & necessary information, data, particulars, conditions of services & availability of workforce, facilities available, existing industrial environment and other working conditions etc.

I / We have also assessed the risk associated with the work whether apparent or inherent to the nature of work involved and satisfied our self as to the nature, condition, quantum, extent, scope and magnitude of the work involved in the contract, type and condition of the ground, working conditions of the area, availability of power supply, water supply, men and machinery requirement, availability of land, etc.

I / We do hereby agree and undertake not to raise any dispute and / or objection at any stage on any ground whatsoever, during the currency of the contract if awarded to me/us.

Company Seal

Signature

Name

Designation

Company.....

Date.....



ANNX - VI: MANUFACTURER'S AUTHORIZATION FORMAT

(To be executed on Letter Head by OEM of UHF RFID reader, Boom Barrier, IoT based controller, Signal Light, CCTV Camera & Server Hardware with 05 years' onsite warranty and CAMC support & Service).

No: -

Dated: - XXXX

To,
General Manager (IT)
Gujarat Industries Power Company Limited (GIPCL)
P.O. Ranoli,
District: Vadodara – 391 350.
Gujarat.

Subject: - Authorization to System Integrator for supply & support.

Ref: E- Tender No: GIPL/GIPCL_RFID/25-26/01 issued for “Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol– Valia Mines site.”

Dear Sir,

This is with referenced tender & subject. We, OEM, certify that **(Bidder Name)**, having their registered office at **(Bidder Address)** is an authorized partner to bid against referenced tender enquiry on behalf of us.

As OEM, we ensure to provide support & services to **(Bidder Name)** for following quoted products from date of bid submission by **(Bidder Name)** till contract completion period. Also, we, as OEM ensure that product quoted (Make: ____ Model: ____) are not **End of Life** and we shall support spares, patches for quoted products and they would be available for next 05 years from project Go-Live date.

Sr. No:	Product description	Make	Model

Yours faithfully,

(Authorized Signatory)

Signature & Seal OEM

Name:

Designation:

Place:

Date:



ANNX - VII: BIDDER INFORMATION SHEET & UNDERTAKING:

About the Company	
Name of the Company:	
Postal Address (Regd. Office):	
Postal Address (Local Office):	
Constitution, Registration No./Date:	
Income Tax PAN No:	
GST Registration No.:	

About the Authorized Signatory:

Name:		Designation:	
Office Address:		Email:	
Tel/Fax Nos:		Cell No:	

Undertaking

On behalf of M/s..... (Name of bidder), I, undersigned, state that all information stated above as well as in other parts of our bid is true. I hereby undertake and agree to abide by all terms and conditions stipulated in this RFP including all addendum, corrigendum etc. Any deviation may result in disqualification of our bid. I also do hereby affirm and comply with all terms & conditions, technical specifications of products mentioned in RFP as well as all addendum, corrigendum etc. while performing contractual obligations relating to “Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol– Valia Mines site”. Also, I do affirm and assure that product proposed by us is complete and meeting all functional requirements in totality of project as stated in tender document.

Yours faithfully,

(Authorized Signatory)

Company Seal

Name

Designation

Company.....

Date.....



ANNX - VIII: BANK DETAILS OF BIDDER

(Please fill all information in block letters)

NAME OF PARTY

:

Details of Bank Account

:

(1) Name of the Bank

:

(2) Branch & Address of Bank

:

(3) MICR No.

:

(4) Type of Bank Account (Savings/Current etc.)

:

(5) Bank Account No.

:

(6) PAN No.

:

(7) IFSC Code No.

:

Along with cancel cheque copy of above account

The above information of company's bank account is true & correct as per my knowledge.

Yours faithfully,

(Authorized Signatory)

Company Seal

Name

Designation

Company.....

Date.....



ANNX - IX: EARNEST MONEY DEPOSIT (EMD) BANK GUARANTEE FORMAT

(To be executed on non-judicial stamped paper of appropriate value)

Bank Guarantee No.....

Date.....

1. WHEREAS M/s. Gujarat Industries Power Company Limited having its Corporate Office at PO: RANOLI, Dist. Vadodara – 391 350, Gujarat State, India (hereinafter called “The Company Owner” which expression shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) has issued tender paper vide its E-Tender No.....for - (hereinafter called “the said tender”) to M/s. (hereinafter called the said Tenderer(s)” which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns and as per terms and conditions of the said tender, the tenderer shall submit a Bank guarantee for Rs..... (Rupees only) towards earnest money in lieu of cash.
2. We Bank having its branch office at do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Company stating that in the opinion of the company which is final and binding, the amount claimed is due because of any withdrawal of the tender or any material alteration to the tender after the opening of the tender by way of any loss or damage caused to or would be caused or suffered by the Company by reason of any breach by the said tenderer(s) of any of the terms and conditions contained in the said tender or failure to accept the Work Order or that the amount covered under this Guarantee is forfeited. Any such demand made on the Bank by the owner shall be conclusive as regards the amount due and payable by the Bank under this guarantee, However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupees.....only).
3. We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the tenderer(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the owner proceeding against the tenderer.
4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said tenderer(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/ Order(s) are fulfilled.
5. The Bank further unconditionally agrees with Gujarat Industries Power Company Limited (GIPCL) that Gujarat Industries Power Company Limited (GIPCL) shall be at liberty,



without the Bank's consent and without affecting in any manner the Bank's obligation under this Guarantee, from time to time, to:

- a. Vary and / or modify any of the terms and conditions of the work order.
 - b. Extend and / or postpone the time for performance of the obligations of the Contractor under the work order.
 - c. Forbear or enforce any of the rights exercisable by Gujarat Industries Power Company Limited (GIPCL) against the Contractor under the terms and conditions of the work order.
6. This guarantee shall be in addition to and not in substitution or in derogation of any other security held by Gujarat Industries Power Company Limited (GIPCL) to secure the performance of the obligations of the Contractor under the work order.
 7. No action, event or condition, which by any Applicable Law should operate to discharge the Bank from liability hereunder, shall have any effect and the Bank hereby waives any right it may have to apply such law, so that in all respects its liability hereunder shall be irrevocable and, except as stated herein, unconditional in all respects.
 8. WeBank Ltd. further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the finalization of the said tender and that it shall continue to be enforceable till the said tender is finally decided and order placed on the successful tenderer(s) and or till all the dues of the company under or by virtue of the said tender have been fully paid and its claims satisfied or discharged or till a duly authorized officer of the company certifies that the terms and conditions of the said tender have been fully and properly carried out by the said tenderer (s) and accordingly discharges the guarantee.
 9. That the Owner Company will have full liberty without reference to us and without affecting this guarantee to postpone for any time or from time to time the exercise of any of the power of the owner under the tender.
 10. Notwithstanding anything contained herein before, our liability shall not exceed Rs..... (Rupees.....only) and shall remain in force till..... (Date to be filled up shall be 180 days from the date of submission of Bid).

Date.....

..... Bank
Corporate Seal of the Bank
By its constitutional Attorney



ANNX - X: Performa for Contract Security-Cum-Performance Guarantee By Contractor

BG No: _____

Date: _____

1. WHEREAS Gujarat Industries Power Company Limited having its office at PO: RANOLI, Dist. Vadodara – 391 350, Gujarat State, India (hereinafter referred to as “The Company / Owner” which expressions shall unless repugnant to the subject or context includes its legal representatives, successors and assigns) has entered into a contract with M/s. has placed a purchase order on M/s (hereinafter referred to as “Contractor(s) / Seller(s)” which expression shall unless repugnant to the subject or context includes their legal representatives, successors and assigns) for on the terms and conditions as set out inter alia, in the Company’s contract No./ P.O. No date and various documents forming part thereof hereinafter referred to as the “said contract” which expression include all amendments, modifications and /or variations thereto and whereas the Contractor(s) / Seller(s) has agreed for due execution of the entire contract and guarantees its performance including any parts executed through any other agencies / subcontractors.

AND WHEREAS one of the conditions of the “said contract” is that “contractor(s)/ seller(s) shall furnish to the owner a Bank Guarantee from a bank for% (.....percent) of the total value of the “said contract” against due and faithful performance of the “said contract” including performance guarantee obligations of the contractor(s)/seller(s) for execution / supplies made under the “said contract.”

2. WeBank having its branch office atdo hereby agree and undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the Company stating that in the opinion of the Company, which is final & binding, the amount claimed is due by reason of default made by the Contractor(s)/ Seller(s) in performing any of the terms & conditions of the said Contract including defect liability obligations, in fulfilling the performance guarantee obligation or loss or damage caused to or would be caused to or suffered by the Company by reason of any breach by the said Contractor (s)/ Seller(s) of any of the terms & conditions of the contract. Any such demand made on the Bank by the owner shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However our liability under this guarantee shall be restricted to Rs (Rupees.....only).
3. We undertake to pay to the Company any money so demanded not withstanding any dispute or disputes raised by the contractor(s)/ Seller(s) in any suit or proceeding pending before any office, court or tribunal relating thereto our liability under this present guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under. Our liability to pay is not dependent or conditional on the owner proceeding against the Contractor(s) / Seller(s).



4. The guarantee herein contained shall not be determined or affected or suspended by the liquidation or winding up, dissolution or change of constitution or insolvency of the said Contractor(s)/ Seller(s) but shall in all respect and for all purposes be binding and operative until payment of all money due or liabilities under the said contract(s)/ Order(s) are fulfilled.
5. The Bank further unconditionally agrees with Gujarat Industries Power Company Limited (GIPCL) that Gujarat Industries Power Company Limited (GIPCL) shall be at liberty, without the Bank's consent and without affecting in any manner the Bank's obligation under this Guarantee, from time to time, to:
 - a. Vary and / or modify any of the terms and conditions of the work order.
 - b. Extend and / or postpone the time for performance of the obligations of the Contractor under the work order.
 - c. Forbear or enforce any of the rights exercisable by Gujarat Industries Power Company Limited (GIPCL) against the Contractor under the terms and conditions of the work order.
6. This guarantee shall be in addition to and not in substitution or in derogation of any other security held by Gujarat Industries Power Company Limited (GIPCL) to secure the performance of the obligations of the Contractor under the work order.
7. No action, event or condition, which by any Applicable Law should operate to discharge the Bank from liability hereunder, shall have any effect and the Bank hereby waives any right it may have to apply such law, so that in all respects its liability hereunder shall be irrevocable and, except as stated herein, unconditional in all respects.
8. This guarantee will remain valid up _____ days or _____ whichever is earlier. The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that if this guarantee is extended for a period as mutually agreed between bidder & owner/purchaser, the guarantee shall be valid for a period so extended provided that a written request for such extension is received before the expiry of validity of guarantee.
9. WeBank further agree with the Company that the company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract(s)/ Order(s) or to extend the time of performance by the said Contractor(s) Seller(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the said Contractor(s)/ Seller(s) and to forbear or enforce any of the terms and conditions relating to the said Contract(s)/ Order(s) and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) / Seller(s) or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the said Contractor(s)/ Seller(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have affect of so relieving us.



10. Notwithstanding anything contained herein before, our liability shall not exceed Rs.....(Rupees.....only) and shall remain in force till.....Unless a demand or claim under this Guarantee is made on us within three months from the date of expiry we shall be discharged from all the liabilities under this guarantee.

Date.....

Corporate Seal of the Bank

.....Bank

By its constitutional Attorney

Signature of duly Authorized person

On behalf of the Bank

With Seal & Signature code



ANNX- XI: Format For Self Declaration – No Blacklisting Certificate:

No:

Date: <DD/MM/YYYY>

To,
General Manager (IT)
Gujarat Industries Power Company Limited (GIPCL)
P.O. Ranoli,
District: Vadodara – 391 350. Gujarat.

Ref: E- Tender No: GIPL/GIPCL_RFID/25-26/01 dated <DD/MM/YYYY> issued for “Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol– Valia Mines site.”

Dear Sir,

In response to the referenced tender, as an owner/partner/ director of _____, I/ We hereby declare that presently our company / firm _____ is having unblemished record and is not blacklisted for corrupt and fraudulent practices by any State / Central Government / PSU in India within last 03 years reckoned from tender floating date.

We further declare that presently our company / firm _____ is not blacklisted for dissatisfactory performance for supply, installation, testing, Go-Live & maintenance of materials / services mentioned in this tender document by any State / Central Government / PSU in India within last 03 years reckoned from tender floating date.

We further declare that presently our company / firm _____ is not blacklisted / debarred by any State / Central Government / PSU in India for supply, installation, testing, Go-Live & maintenance of materials / services mentioned in this tender document & carrying out operations and maintenance work of said materials / services within last 03 years reckoned from tender floating date.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/our security (either in form of EMD / Security deposit) may be forfeited in full and our bid if any to the extent accepted may be cancelled.

Yours Sincerely,

(Authorized Signatory)
Signature & Seal of bidder

Name:

Designation:

Place:

Date:



ANNX - XII: Format of Affidavit [To be submitted physically on Stamp paper]

(To be submitted IN ORIGINAL on Non-Judicial Stamping of Rs 300/- duly attested by Magistrate / Notary)

To,
General Manager (IT)
Gujarat Industries Power Company Limited (GIPCL)
P.O. Ranoli,
District: Vadodara – 391 350.
Gujarat.

Ref: E- Tender No: GIPL/GIPCL_RFID/25-26/01 dated <DD/MM/YYYY> issued for “Upgrade / Revamping of existing RFID based hardware and software systems for lignite & limestone dispatch management system at GIPCL – SLPP, Mangrol– Valia Mines site.”

Dear Sir,

I/We, _____, age_____ years residing at_____ in capacity of _____ M/s. _____ hereby solemnly affirm that

1. All General Instructions, General Terms and Conditions, as well as Special Terms & Conditions laid down on all pages of referenced E- Tender have been read carefully and understood properly by me which are completely acceptable to me and I agree to abide by the same.
2. I / We have submitted following Certificates / Documents for Pre-Qualification Criteria, Technical Evaluation as required as per General Terms & Conditions as well as Special Terms & Conditions of the tender

Sr. No.	Name of the Document
1	
2	

3. All Certificates / Permissions / Documents / Permits / Affidavits are valid as on date and have not been withdrawn / cancelled by concerned issuing authority.
4. It is clearly and distinctly understood by me that our bid is liable to be rejected if on scrutiny at any time, any of the required Certificates / Permissions / Documents / Permits / Affidavits is / are found to be invalid / wrong / incorrect / misleading / fabricated / expired or having any defect.
5. I / We further undertake to produce on demand the original Certificate / Permission / Documents / Permits for verification at any stage during bid evaluation process / contract period as well as at any time asked to produce.



6. I / We also understand that failure to produce the documents in "Prescribed Performa" (wherever applicable) as well as failure to give requisite information in the prescribed Performa may result in to rejection of our bid.
7. I / We confirm that I / We have meticulously filled in, checked and verified documents / certificates / permissions / permits / affidavits / information etc. enclosed in our bid from every aspect and same are enclosed in order (i.e. in chronology) in which they are supposed to be enclosed. Page numbers are given on each submitted document. Important information in each document is "highlighted" with help of "marker pen" as required.
8. The above certificates / documents are enclosed separately and not on the Performa printed from tender document.
9. I / We say and submit that Permanent Account Number (PAN) given by the Income Tax Department is _____, which is issued in name of _____.
10. I / We understand that giving wrong information on oath amounts to forgery and perjury and I/We am/are aware of the consequences thereof, In case any information provided by us are found to be false or incorrect, you have right to reject our bid / terminate contract at any stage including forfeiture of our EMD / SD / Cancel the award of contract. In this event, your office reserves right to take legal action on me/us.
11. I / We have physically signed & stamped all above documents along with copy of tender documents (page no. _____ to _____).
12. I / We hereby confirm that all our quoted items meet or exceed requirements and are absolutely compliment with specifications mentioned in tender document.
13. My / Our Company has not filed any Writ Petition, Court matter and there is no court matter filed by State Government and its Board Corporation, is pending against our company.
14. I / We hereby commit that we have paid all outstanding amounts of dues / taxes / cess / charges / fees with interest and penalty.
15. In case of breach of any tender terms and conditions or deviation from tender specifications other than already specified as mentioned above, decision of your company / Committee for disqualification / termination will be accepted by us without any objection.

Whatever stated above is true and correct to the best of my knowledge and belief.

(Authorized Signatory)

Signature & Seal of bidder

Name:

Designation:

Place:

Date: