

Amendment of Estimated SoR (SECTION-E) of E-Tender for "Surat Lignite Power Plant - 4X125 MW, Unit # I to IV: RCC structural repairs & external protective anti - corrosive & anti - carbonation coating on RCC surfaces of Phase-2 Cooling Towers and affected areas of Crusher foundations, Silos, critical RCC structures of LHS, AHS & ELHS and anti - chloride/anti - sulphate coating on affected areas of ID Fan foundations, etc... (Year: 2026-27)". Reference Bid No.: SLPP/Civil/Str. Repair & Coating/2026.



GUJARAT INDUSTRIES POWER COMPANY LIMITED
(Surat Lignite Power Plant)

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AMENDMENT OF ESTIMATED SCHEDULED OF RATE (SOR) FOR TENDER OF;

Surat Lignite Power Plant - 4X125 MW, Unit # I to IV: RCC structural repairs & external protective anti - corrosive & anti - carbonation coating on RCC surfaces of Phase-2 Cooling Towers and affected areas of Crusher foundations, Silos, critical RCC structures of LHS, AHS & ELHS and anti - chloride/anti - sulphate coating on affected areas of ID Fan foundations, etc... (Year: 2026-27).

***Reference Bid No.: SLPP/Civil/Str. Repair & Coating/2026
((n)Procure E-Tender ID: 321214)***



SECION-E (ESTIMATED SoR) - AMENDMENT



SECTION-E (AMENDMENT)
SCHEDULE OF RATE CUM BOQ (SoR)
(Bidder's offer in % to be quoted online only through website:
<https://tender.nprocure.com>**)**

Sr. No.	Description	Estimated Quantity	Unit	Estimated Rate without GST for Tender (Rs.)	Estimated Amount (Rs.)
1	Chipping off loose and damaged plaster and / or cover concrete up to good parent concrete or up to reinforcement level using chisel & hammer/Breaker and cleaning the reinforcement & concrete surfaces with wire brush to receive further treatment. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. (a) ELHS Stacker Beam	130.000	Sqm	256.52	33,347.60
2	Same as above Item No. 1 (b) Phase-2 (Unit-3 & 4) Fly Ash Silos	84.000	Sqm	256.52	21,547.68
3	Same as above Item No. 1 (c) Phase-2 (Unit-3 & 4) PCH & SCH Crusher	75.000	Sqm	256.52	19,239.00
4	Same as above Item No. 1 (d) In-Plant Stacker Beam	191.000	Sqm	256.52	48,995.32
5	Same as above Item No. 1 (e) Phase-2 (Unit-3 & 4) Cooling Towers & Other Misc.	50.000	Sqm	256.52	12,826.00
6	CORROSION REPAIR: A). Surface preparation by removal of all disintegrated materials, cleaning the concrete surface with metal wire brush, cleaning of reinforcement and applying 1 coat of alkaline rust converter followed by 1 coat of Migratory corrosion Inhibitor to arrest the corrosion in embedded concrete. The rust remover shall be alkaline in nature and its PH shall be around 8.5 to 9. The Migratory corrosion inhibitor shall be tested by premier research institute/approved laboratory and shall have a successful case history in Indian condition. B). Applying 2 coats of interpenetrating polymer network rebar coating to the exposed reinforcement as directed by Engineer-in-charge and as per manufacturer's recommendations. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. Material: "Fosroc" make "Reebarklens RR" & "Nitozinc primer std" or equivalent approved materials from "Sika", "MYK Arment" or "Krishna Conchem". (a) ELHS Stacker Beam	130.000	Sqm	343.48	44,652.40



Sr. No.	Description	Estimated Quantity	Unit	Estimated Rate without GST for Tender (Rs.)	Estimated Amount (Rs.)
7	Same as above Item No. 6 (b) Phase-2 (Unit-3 & 4) Fly Ash Silos	84.000	Sqm	343.48	28,852.32
8	Same as above Item No. 6 (c) Phase-2 (Unit-3 & 4) PCH & SCH Crusher	75.000	Sqm	343.48	25,761.00
9	Same as above Item No. 6 (d) In-Plant Stacker Beam	191.000	Sqm	343.48	65,604.68
10	Same as above Item No. 6 (e) Phase-2 (Unit-3 & 4) Cooling Towers & Other Misc.	50.000	Sqm	343.48	17,174.00
11	Providing & applying single component, dual shrinkage compensated, fibre reinforced thixotropic polymer modified repair mortar in varying thickness from 10 mm to 40 mm (44 KG repair mortar used shall be considered as 1 m2) as directed by Engineer-in charge and as per manufacturer's recommendations. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. Material: "Fosroc" make "Renderoc SP40" or equivalent approved materials from "Sika", "MYK Arment" or "Krishna Conchem". (a) ELHS Stacker Beam	130.000	Sqm	2,130.43	2,76,955.90
12	Same as above Item No. 11 (b) Phase-2 (Unit-3 & 4) Fly Ash Silos	84.000	Sqm	2,130.43	1,78,956.12
13	Same as above Item No. 11 (c) Phase-2 (Unit-3 & 4) PCH & SCH Crusher	75.000	Sqm	2,130.43	1,59,782.25
14	Same as above Item No. 11 (d) In-Plant Stacker Beam	191.000	Sqm	2,130.43	4,06,912.13
15	Same as above Item No. 11 (e) Phase-2 (Unit-3 & 4) Cooling Towers & Other Misc.	50.000	Sqm	2,130.43	1,06,521.50
16	STRENGTHENING OF RCC WITH EPOXY GROUTING:Drilling holes of 16 mm dia into concrete to required depth, cleaning the holes, fixing suitable standard nozzles (SS grouting nozzles or injection packers for high pressure injection grouting) for grouting purpose, sealing the gap around the nozzle at about 0.50M spacing in cracks and sealing the cracks with epoxy putty of approved makes. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work.For Phase-2 (Unit-3 & 4) Cooling Towers, Silos, Crusher, etc...	400.000	Nozzle	165.22	66,088.00



Sr. No.	Description	Estimated Quantity	Unit	Estimated Rate without GST for Tender (Rs.)	Estimated Amount (Rs.)
17	Grouting to be carried out by injecting very low viscosity (2 - 5 CPS), High Molecular Weight Thermoset Polymer or GIPCL approved quality EPOXY GROUT with a pressure up to 2 Kg/cm ² . Grouting is to be continued till nozzle refuses to accept further grout. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. Material: "Fosroc" make "Conbextra EP10 M" or equivalent approved materials from "Sika" (Sikadur-55 LP IN), "MYK Arment" or "Krishna Conchem". For Phase-2 (Unit-3 & 4) Cooling Towers, Silos, Crusher, etc...	25.000	KG	1,260.87	31,521.75
18	Providing & repairing cracks by using epoxy resin-based putty including making 'V' groove by using grinder machine etc. complete as directed by Engineer-In-Charge and manufacturer specifications. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. Material: "Fosroc" make "Nitocote VF" or equivalent approved materials from "Sika", "MYK Arment" or "Krishna Conchem". For Phase-2 (Unit-3 & 4) Silos, Cooling Towers.	300.000	RM	456.52	1,36,956.00
19	Providing & applying three coats (primer, middle & top coat) of approved manufacturer make anti corrosive & anti carbonation coating system (Base: Solvent based pure Aliphatic Acrylate System) on RCC structural members by using mechanical sprayer of "WAGNER", "GRACO" or equivalent make as approved by GIPCL, including preparation of surface by thoroughly cleaning of depositions, ash, oil, dirt, dust, rust, scraping of all external RCC surfaces by wire brushing, power tool cleaning, sealing the cracks with polymer putty, providing & applying three successive coats of approved anti corrosive & anti carbonation coating system, each coat of 65-70 micron DFT, as per manufacturer's specifications, including MS scaffolding, arrangement of approved working platform for working at height, etc... complete as per detail specifications and as directed by Engineer-in-charge (MS Scaffolding included). Material: "Fosroc" make "Dekguard S" or equivalent approved materials from "Sika", "MYK Arment" or "Krishna Conchem" make "Monopol-456". (a) External RCC structural members of Phase-2 (Unit-3 & 4) Cooling Towers.	9000.000	Sqm	386.96	34,82,640.00



Sr. No.	Description	Estimated Quantity	Unit	Estimated Rate without GST for Tender (Rs.)	Estimated Amount (Rs.)
20	Same as above Item No. 19 (b) Phase-2 (Unit-3 & 4) Crusher Foundations	400.000	Sqm	386.96	1,54,784.00
21	Same as above Item No. 19 (c) Phase-2 (Unit-3 & 4) Fly Ash Silos	3100.000	Sqm	386.96	11,99,576.00
22	Same as above Item No. 19 (d) Phase-2 (Unit-3 & 4) Bed Ash Silos	200.000	Sqm	386.96	77,392.00
23	Same as above Item No. 19 (e) Other Misc.	100.000	Sqm	386.96	38,696.00
SPECIAL RCC REHABILITATION UNIT-3 ID FAN FOUNDATION					
24	Crack Stitching + Injection Drill holes @ 300–500 mm c/c across cracks, Insert U-shaped shear dowels (Fe500, 10–12 mm dia), Seal surface. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work.	25.000	Nos	391.30	9,782.50
25	Drilling holes of 16 mm dia into concrete to required depth, cleaning the holes, fixing suitable standard nozzles (SS grouting nozzles or injection packers for high pressure injection grouting) for grouting purpose, sealing the gap around the nozzle at about 0.50M spacing in cracks and sealing the cracks with epoxy putty of approved makes. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work.	25.000	Nozzle	195.65	4,891.25
26	Grouting Low viscosity epoxy grout "Fosroc Nitofill EPLV", "Fosroc Conbextra EP10 M", "Sikadur-55 LP IN". MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work.	25.000	KG	1,260.87	31,521.75
27	Chipping off loose and damaged plaster and / or cover concrete up to good parent concrete or up to reinforcement level using chisel & hammer/Breaker and cleaning the reinforcement & concrete surfaces with wire brush to receive further treatment. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work.	25.000	Sqm	256.52	6,413.00



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28	CORROSION REPAIR: A). Surface preparation by removal of all disintegrated materials, cleaning the concrete surface with metal wire brush, cleaning of reinforcement and applying 1 coat of alkaline rust converter followed by 1 coat of Migratory corrosion Inhibitor to arrest the corrosion in embedded concrete. The rust remover shall be alkaline in nature and its PH shall be around 8.5 to 9. The Migratory corrosion inhibitor shall be tested by premier research institute/approved laboratory and shall have a successful case history in Indian condition. B). Applying 2 coats of interpenetrating polymer network rebar coating to the exposed reinforcement as directed by Engineer-in-charge and as per manufacturer's recommendations. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. Material: "Fosroc" make "Reebarklens RR" & "Nitozinc primer std" or equivalent approved materials from "Sika", "MYK Arment" or "Krishna Conchem".	25.000	Sqm	343.48	8,587.00
29	Providing & fixing in position watertight shuttering from good quality shuttering ply for column, beams, slab etc. at all heights, application of de-shuttering oil, extra care for water tightness, removing after completion work etc. completed as per specification & directed. All the crevices in the form work shall be arrested using Plaster of Paris so as to ensure water tight form at various required locations as directed by Engineer-in-charge. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding	50.000	Sqm	1,043.48	52,174.00
30	Micro-Concrete Jacketing (Preferred) Use flowable, shrinkage-compensated micro-concrete with Fosroc Renderoc RG / Microcrete or Sikarep microcrete 4 Methodology: Fix formwork (leak-proof) as per above item Apply bonding agent: Nitobond EP / Sika Latex Pour micro-concrete (NOT hand plastering) Ensure proper venting for air escape Thickness: Average 75 mm jacketing. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. Material: "Fosroc" make "Renderoc RGS" or equivalent approved materials from "Sika", "MYK Arment" or "Krishna Conchem".	50.000	Sqm	5,652.17	2,82,608.50



Sr. No.	Description	Estimated Quantity	Unit	Estimated Rate without GST for Tender (Rs.)	Estimated Amount (Rs.)
31	Providing & applying three coats (primer coat DFT 55-65 micron, middle coat DFT 100-125 micron & top coat DFT 40-50 micron) of "IPNET High Build" anti-corrosive protective epoxy coating system (IPNET primer one coat and IPNET Hi-Build Epoxy coating two coat of approved manufacturer) on external RCC structural members of ID Fan foundations by using mechanical sprayer of "WAGNER", "GRACO" or equivalent make as approved by GIPCL, including preparation of surface by thoroughly cleaning of depositions, ash, oil, dirt, dust, rust, scraping of all external RCC surfaces by wire brushing, power tool cleaning, sealing the cracks with polymer putty, providing & applying three successive coats of "IPNET" as per manufacturer's specifications, etc... complete as per detail specifications and as directed by Engineer-in-charge. MS Scaffolding will be paid at actual as per GIPCL approval in specific item of scaffolding work. Material: "Fosroc" make "Nitocote BCS 300" or equivalent approved materials from "Sika", "MYK Arment" or "Krishna Conchem" make "IPNET".	400.000	Sqm	477.02	1,90,808.63
PROVIDING, FIXING, ERECTION & REMOVAL OF SCAFFOLDING					
32	Charges for providing & fixing standard MS scaffolding as per site & safety requirements for the work needs to be executed by providing safe MS scaffolding. Approx. size of scaffolding requirement shall be pre-approved through GIPCL before execution. Charges includes providing & fixing approved double layer scaffolding materials (MS pipes with clamps, base plates, etc), erection of standard scaffolding as approved by GIPCL, make proper & safe approach & platform with safe guard and dismantling & demobilization of the same after completion of given scope of work. No any idle charges will be considered due to delay from either side due to whatsoever reason. For measurement of double layer scaffolding, height up to top working platform level and approved length will be measured. In case of single layer scaffolding, 50% of measured quantity will be considered.	8000.000	Sqm	195.65	15,65,200.00
TOTAL ESTIMATED SOR VALUE WITHOUT GST					87,86,768.28
GST @18%					15,81,618.29
TOTAL ESTIMATED SOR VALUE WITH GST >>>					1,03,68,386.57

Note: Bidders have to quote their offer in % (+, - or equal) on above total estimated SoR value in online Price Bid only through website: <https://tender.nprocure.com>. The quoted percentage rate on above SoR item rates (Section-E of this tender) shall be inclusive of all labour cost, equipments,

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materials, supervision, consumables, tools, tackles, profit & overheads, all taxes & duties (including GST), etc... as per this tender. Item rate shall be firm for entire duration of contract period and any approved extensions.

My rates are as under (only to be quoted online on (n)Procure).

At estimated value

OR _____ %age above the estimated value

OR _____ %age below the estimated value.

- Note:-** (1) Percentage rate offer/bid price on SoR value including GST shall be quoted through online (n)-Procure only. Hard copy of price bid shall not be considered/accepted.
(2) Evaluation of tender & E-Reverse Auction will be done on gross total quoted amount with GST.

NAME OF TENDERER : _____
SEAL & SIGNATURE OF TENDERER : _____
NAME OF AUTHORISED PERSON : _____
ADDRESS : _____
PHONE NO. _____ **FAX No.** _____
MOBILE NO. _____ **Email ID.** _____