TRANSMISSION CIRCLE,

HIMATNAGAR

PRICE BID

TENDER NO: 2026-27/HTC/ 62

Subject: **Tender For Mechanical Strengthening works of 66KV Idar-Panol line Various locations under Idar AM Division**

(To be submitted online only)

Regd. Corporate Office: GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED, Sardar Patel VidyutBhavan, Race Course, Vadodara-390007
Corporate Identity No. (CIN): U40100GJ1999SGC036018 Phone: (0265) 2310582-86, Fax: (0265) 2337918, 2338164, Web site: www.getcogujarat.com

SCHEDULE – B

	Name of Works- Mechanical Strengthening works of 66KV Idar-Panol line Various locations under Idar AM Division				
Sr No	**Description of work/Supply**	**Unit**	**Qty**	**Rate**	**Amount**
1	**Excavation** excluding back filling, but including shoring, shuttering, dewatering, tree cutting for tower footings etc, for :(a) **Normal Soil either dry or wet / sandy soil**	Cu.m	1007.748	307.00	309378.64
2	(b). Black Cotton soil either dry or wet	Cu.m	2351.412	614.00	1443766.97
3	**Installation of steel** reinforcement in concerete foundation including supply of M.S. bars, binding wire & their cutting, bending, binding and laying in position as per drawing	MT	3.258	99900.00	325474.20
4	**Stub-setting** including back-filling but excluding excavation and concreting etc. for all types of towers/extensions except special towers. (weight of stub, cleat & template with Bolt & Nuts of stub & template shall be counted)-**Up to 6 Meter** Extension	MT	5.268	8206.00	43227.73
5	**Concreting** of foundation by **M20** mixture including shoring shuttering ;dewatering etc.for normal tower /tower with extension up to 25 mtr.(rates are with cement)	Cu.m	57.180	12246.00	700226.28
6	**Concreting** of foundation by **M15** mixture including shoring shuttering ;dewatering etc.for normal tower /tower with extension up to 25 mtr.(rates are with cement)	Cu.m	0.000	10306.00	0.00
7	**Grounding of towers** with **pipe type earthing** including excavation and back filling and supply of all materials like 32mm dia heavy duty 3 mtr. Long G.I. Pipe & 50 x 6 mm G.I. flat, bolt-nuts, slt, coal/charcoal etc. as per drawing.	Set.	6.000	8985.00	53910.00
8	**Erection of super structure up to 6 meter** extension including tree cutting, fixing of tower accessories, attachments except ACD / DP / NP / CIP / PP and excluding tack welding of bolts. This includes taking delivery of tower materials and bolt-nuts from Boards stores etc. for normal, extension & special towers at destination and keeping them in safe custody and transporting the same to erection site.	MT	26.048	10076.00	262459.00
9	**Same as above but erection of 9/12/15/18/21/25** Mtr ext with tower	MT	0.000	12694.00	0.00
10	**Fixing of Anti-climbing devices** including supply of barbed wire. (a) 66KV (except special tower)	Loc.	6.000	2596.00	15576.00
11	**Fixing of DP / NP / PP / CIP** including supply of plates and supply of G.I. bolts-nuts & tack welding as per drawings.	Loc.	6.000	1690.00	10140.00

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12	**Tack welding of nuts** up to approx. 10 mtrs. Height OR two bottom-most panel from ground level at three places on the nuts diametrically and applying zinc rich paint immediately after tack welding.	Per Bolt.	2550.000	15.00	38250.00
13	Dismantling of any type of tower including transportation & crediting to nearest GETCO's store or substation as per the instructions of EIC.	Per MT	0.000	8434.00	0.00
14	Cutting of stubs of old tower to be dismantled including breaking of chimney/cutting of RCC up to 450mm below ground level & crediting stubs & steel bars to GETCO's store or substation including back-filling & levelling of site as per inst. Of EIC.	Per tower	0.000	12618.00	0.00
15	**Painting of Name of line,Location number ,Colour code and telephone number** on tower for identification of concerned sustation including supply of Paints,etc. **(Two Legs)**	Per Loc	6.000	216.00	1296.00
16	**Stringing of one ground wire** including laying, jointing, tensioning, clamping with accessories, jumpering & sister wire, vibration damper earth bond etc & including tree cutting.	Route KM	0.861	16843.00	14501.82
17	**Erection of 'H' Frame structure** with channels, bracing, clamps etc for **'A'/'B**' type location including excavation in Normal/block cotton soil (Dry/Wet/Submerged) and back filling of earth, ramming and with supply of bolts, nuts and painting of the complete structure including required tree cutting. Before erection, one coat of good quality primer must be applied to the complete structure and black Japan paint of standard make should be applied up to 3 mtr. from bottom. After erection, two coats of aluminium paint of Asian/Burger/Nerolac make shall be applied to the complete structure,	No.	2.000	11771.00	23542.00
18	Check Survey along with plotting of line route on Village (tikka) map with coordinates including detailed survey, preparation of profiles and revision in original route alignment if any	KM	1.601	5247.00	8400.45
9	**Erection of 'C' type H-frame**	No.	0.000	15673.000	0.00
20	**Stringing of ACSR/AAA 3 (Three) DOG conductors for** single circuit including laying, jointing, tensioning, clamping with armour rod, fixing of dampers etc. complete as per specification including required tree cutting with adequate cleaner.	Route KM	1.601	27071.00	43340.67

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21	**Grounding of above 'H' frame/single pole structure with pipe type earthing** as per drawing including excavation by auguring & black filling & supply of all materials like 32mm dia.Medium duty 2 mtr. Long GI pipe (B Class - Blue mark) & G.I. flat of 50 x 6 mm size including supply of bolt, nuts salt, coal, charcoal etc. as per drawing.	Set.	4.000	5084.00	20336.00
22	**Erection of stay set** complete with stay clamp, turn buckle, eye bolt, anchor rod and binding with 7/8 or 7/10 SWG earth wire.	Set.	24.000	802.00	19248.00
23	**Providing concerete for all the structures, with M15 mix.** Including stay sets with supply of materials like cement of 43 grade, sand, metal etc. with muffing (400 mm Dia x 300 mm Ht. above ground level for all the structures.	Cu.m	20	10306.00	206120.00
24	**Tack welding of nuts at three places** on the nuts diametrically fitted to 'A', 'B' and 'C' TYPE structure and applying red oxide & zinc rich paint on it immediately after tack welding.	Per Bolt.	40.000	20.00	800.00
25	**Transportation** of Girder/Rail from GETCO's nearest Store Centre to one end of the line including loading and unloading. **Within range of 70 KMs. (Upto 6MT-Lumsum)**	Job/Lot	2.000	16848.00	33696.00
	Transportation of Girder/Rail from GETCO's nearest Store Centre to one end of the line including loading and unloading. **Within range of 70 KMs. (Beyond 6MT)**	MT	0.0000	2808.00	0.00
	Transportation of Girder/Rail from GETCO's nearest Store Centre to one end of the line including loading and unloading. **Beyond 70kms**	Per MT/KM	4000.0000	22.00	88000.00
26	Conversion of 'A' type H-frame structure into 'B' type H-frame structure in existing line by replacing necessary channels etc. and termination and restringing of Dog or Panther 3 conductors for making LILO arrangement with existing line or for changeover of line during availability of specified outage only . supply of require size GI N/B will be in scope of contractor. item also include transportation of new B type channel from store/substation as per availability to site and to be credit the dismantle old channel/any hardware and other material if replaced to TR dept with necessary inventory as per instruction of EIC.	Job work (per loc.)	2.0000	34042.00	68084.00
27	**Dismantling of A & B type H frame structure** by breaking of muffing upto 450mm depth from ground level and cutting of girder from 450mm depth from ground level by gas cutting & crediting the material to Const. store as instructed by Engineer in-charge.	Loc.	6.000	7656.00	45936.00

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28	Dismentling of 'C' type H frame structure by breaking of muffing upto 450mm depth from ground level and cutting of girder from 450mm depth from ground level by gas cutting & crediting the material to Const. store as instructed by Engineer in-charge.	Loc.	0.000	11055.00	0.00
29	**Dismantling of all three conductors and line materials** such as insulators, hardwares etc. and crediting to the GETCO's Store or Substation including transportation as per instruction of Engineer in-charge with submission of pole wise inventory for preparing C.R.note.	Route KM	1.601	15536.00	24873.14
30	**Providing & fixing of NP with name of line / DP including** supply of bolts & nuts and tack welding / punching as per drawings.	Loc.	4.000	1195.00	4780.00
31	**Providing & fixing of ACD on single pole girder** as per drawing.	Loc.	0.000	422.00	0.00
32	**Providing & fixing of ACD on A/B Type H-frame** as per drawing.	Loc.	4.000	843.00	3372.00
33	**Providing & fixing of ACD on 'C' Type H-frame** as per drawing.	Loc.	0.000	1265.00	0.00
34	Painting of line name , location no. telephone no. on single pole girder (1legs) with letters of gujarati language .	Loc.	0.000	108.00	0.00
35	Painting of line name , location no. telephone no. on H-frame (2legs) with letters of gujarati language .	Loc.	2.000	216.000	432.00
36	Replacement of deteriorated guy set complete i.e. guy clamp, turn buckle, eye bolt, anchor rod etc. & binding with 7/8 SWG. Guy wire as per instruction of EIC.	Per Loc	24.000	682.000	16368.00
37	**Painting of 'A' and 'B' type H-frame structure with ISI mark approved paint/red oxide of Asian/Berger/Nerolac/Shalimar/Delux etc. make. (i) Scrapping of old paint (ii) one coat of red oxide (iii) two coat of silver paint (iv) name of line and location no to be paint on H-frame as per the instruction of EIC. quality of silver paint and red oxide is to be approved by concern Executive Engineer before applying**	Per Loc	2.000	4756.00	9512.00
	For 'C' type H-frame	Per Loc	0.000	7087.00	0.00
38	Breaking of cast concrete for tower leg / H frame RCC chimney up to 1.5 Mtr depth & toughing away broken portion of concreting as directed to the lead of 300 mtr radius & dressing ther off.	cu.m	30.000	815.00	24450.00

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39	**Providing & fixing of MS Plate, MS angle , MS channels ,MS Bolts /nuts** etc require for strengthing of stub as per requirement (i.e Various section for various type of towers /H Frames) including drilling punching, Gridding, transportation at site. This job includes scraping surface with scrubber and appling 1 coat of red oxide and 2 coat of approved silver paints ISI marks of Asian, Berger, Delux etc make also the required supply of MS cannel, Bolts nut , Paints etc as per directives of Engineer In charge.	MT	12.000	79837.00	958044.00
40	**Welding of MS angle and MS plate with stub section**. Supply of approved quality of welding rod and arrangement of power supply to be made by the contractor at site as per directives of Engineer in charge.	RMtr	12.000	479.00	5748.00
				Total	**48,24,250.00**
				GST 18%	**8,68,365.00**
				Total Amount With GST Rs	**56,92,615.00**
Rs- Fifty Six Lakh Ninety Two Thousand Six Hundred Fifteen Rs Only					

Important Remarks-

For N-procure Commercial Bid Table: The Bidder is Quote in % , Above/ Below/ equal rate on Erection Part Only

Note:-

(1) Contractor shall have to take suitable storage-cum-erection insurance cover (comprehensive Marine cum Erection (MCE) insurance policy) i.e. as per instruction of EIC at his cost to the extent of 100% cost of s/s or line materials, which are required to complete the s/s or line as per tender conditions above.

(2) Work should be carried out as per GETCO's standards by implementing FQP/ISO. Other terms & conditions as per tender.

(3) All safety norms must be implemented.

Special Notes for Line: -

01 All the work related to the transmission line should be carried out as per GETCO'S standard FQP for transmission line.

02 Successful bidder has to appoint site engineer to maintain site register and FQP as per ISO.

03 All work should be done according to ISO & FQP and all require documents including filled FQP, testing results, etc should be submitted while handing over the line

04 All the rates indicated above includes taking delivery of all stringing material from GETCO's store at destination & keeping them in safe custody & transporting the same to erection site.

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05 Contactor has to take insurance at his cost for work as well as line material up to handing over to TR Department.

06. All the required tools and tackles like compression jointing machine for conductor, earth wire, cutting machine, welding set, drill machine, etc are to be arranged by the contractor at his cost.

07. Special skilled labours to be arranged by contractor to execute the work.

08. Line location as per schedule-B but any line or location change if required.

SIGNATURE OF CONTRACTOR
(With rubber stamp/seal of the company)

SUPERINTENDING ENGINEER
GETCO, CO, Himatnagar

C E R T I F I C A T E

I we am / are willing to carry out the above work at_____ % above / below (percentage) should be written in figures and words.

_____Percentage above / below the tender amount work out Rs. _____Rupees in words_____

Signature of Contractor,

(With Rubber Stamp & Date)

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