

Maharashtra State Electricity Transmission Company Ltd.

(CIN No.- U40109MH2005SGC153646)

Registered office: Prakashganga, Plot No.C-19, "E" Block, 1st Floor, Bandra Kurla Complex, Bandra (E), Mumbai-400 051

Office of the Executive Engineer, EHV Project Division, MSETCL, M.S.E.B Colony, Gorakshan Road, Akola Email : ee1610@mahatransco.in Web : www.mahatransco.in Phone No : 0724-2450691 & Fax : 0724-2450692	To
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MSETCL/EE/EHV/Project/Div/Tech/AKL/No. 150 Date :- 15.02.2024

E-Enquiry

Sub:- E-Enquiry for work of balance erection of 132KV Dhad-I End bay at 220 KV Bhokardan SS, including erection of PLCC panels along with equipments for 2x132 KV end bay each at 132 KV Dhad SS & 220 KV Bhokardhan SS on risk and cost of M/s Pratibha Electricals

Ref:-1) Estimate sanction No.EE/EHV/ Proj./ Div/ T/AKL/Est./2023-24/ No. 11 dtd. 13.02.2024

2) Approval SE PC Amravati E Mail dtd 14.02.2024

Dear Sirs,

Sealed and super scribed quotations are invited for execution of above works, as per enclosed schedule 'A' and drawings. The quotation, complete in all respect, duly sealed & super scribe should be submitted to this office on or before **22/02/2024 up to 18:00 Hrs** The Offer will not be accepted after due date for any reason or due to postal delay.

Terms & conditions:-

- Conditions of "Prior Sale and Market Fluctuation" will not be accepted.
- Quotation Reference No. & due date should be clearly written on the top of the envelope. Otherwise the quotation will not be accepted.
- In case of hand delivery, the quotation should be handed over to the receipt clerk of this office.
- Conditional quotation will not be accepted.
- The bidder shall quote his overall percentage in terms of (+)/(-) percentage or above/below Percentage on the overall total estimated cost mentioned in Schedule 'A'.
- The bidder shall quote in English both in figures as well as in words the percentage above or below the estimated rates and amounts in the price schedule of items of work forming part of the bid in such a way that interpolation is not possible. The tendered amount for the work shall be entered in the bid and duly digital signed by the bidder.

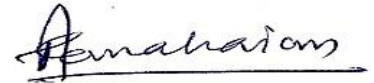
- When there is difference between the percentage in figures and words, the rates which correspond to the amount worked out and stated in the words by the bidder shall be taken as correct.
- When the percentage quoted by the bidder in figures and words tallies but the amount is incorrect, the percentage as quoted by the bidder shall be taken as correct.
- When it is not possible to ascertain the correct percentage in the manner prescribed above, the percentage as quoted in words shall be adopted.
- In case in the 'ABOVE/BELOW/EQUAL' column neither of the words, 'ABOVE/BELOW/EQUAL' is struck off or all are struck off after filling in the percentage, bid will treated as canceled.
- The rates shall be quoted in figures and in words. In case there is a difference between the rates quoted in words and in figures, the rates quoted in words will be considered as correct.
- 100% payments shall be released within reasonable time after submission of bill in triplicate to EHV SS Project S/Dn Khamgaon & necessary certification with recording in ERP-SAP system by Addl. Executive Engineer EHV SS Project S/DnKhamgaon.
- The contract work involves balance erection of 132KV Dhad-I End bay at 220 KV Bhokardan SS, including erection of PLCC panels along with equipments for 2x132 KV end bay each at 132 KV Dhad SS & 220 KV Bhokardhan SS on risk and cost of M/s Pratibha Electricals as per MSETCL company's standard method of Project. The work includes transportation of required material by the contractor.
- The work should be completed within 15 days after handing over of site/ availing outage on EHV lines.
- The work shall be completed within 15 days from the date of handing over of site issued to agency, failure of such; penalty equal to ½% per delayed week subject to the maximum of 10% of the work order value will be levied.
- All tools & plants required for the work shall be arranged by contractor itself.
- MSETCL general terms and conditions for work contract will be applicable to the order placed.
- The offer should be valid for our acceptance for period of 60 days from due date of opening.
- Agency should be registered under Bombay Shops & Establishment Act 1948 and the copy should be submitted along with Quotation.
- Rates along with the taxes (GST) should be mentioned clearly in the quotation.
- 5 % Security Deposit of work order value shall be paid at Office of Executive Engineer, EHV Project. Dn., Akola after confirmation of work order.
- Undersigned reserves right to accept or reject all or any quotation without assigning any reason.
- The work carried out should be guaranteed & satisfactory.

- Agency shall be submitted the following documents photocopies along with the Enquiry schedule duly signed.
 - 1) Valid Registration copy of Bombay Shops & Establishment Act 1948,
 - 2) Valid Registration copy Electrical License as per Indian Electricity Acts & Rules,
 - 3) Pan Card, & Last 1 year ITR copies.
 - 4) Valid GST Registration Certificate.
 - 5) Experience Certificate regarding work done as similar type of work from any Govt. Dept./ Semi Govt. / MSETCL etc.

You have to submit the above documents in seal quotation, otherwise quotation will be disqualified.

- **Agreement :-** You have to execute the agreements as per the provision of “Mumbai Mudrank Adhiniyam 1958, clause no.34” with requisite stamp of Rs.500.00 duly within 7 days from receipt of order. You will have to enter into an agreement with MSETCL for the above work & until such agreement is execute within MSETCL, the MSETCL shall not be liable to pay nor you shall be entitled for any amount due for put under this contract. The cost of stamp Paper requires shall be borne by you. The necessary documents, for the agreement should be completed in consultation with Executive Engineer, EHV Project. Division, Akola.

Enclose:-Schedule-‘A’ & % Rate form



**Executive Engineer,
EHV Project Dn Akola**

Copy s.w.r. to:-

- 1) The Superintending Engineer, EHV PC, Amravati.

Copy to :-

- 1) The Manager (F&A), EHV Project Division, Akola.
- 2) Adll. EE, EHV SS Project S/Dn, Khamgaon

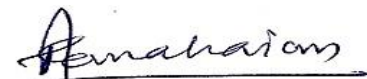
SCHEDULE - A

Name of Work:- Balance erection work of 132KV Dhad-I End bay at 220 KV Bhokardan SS, including erection of PLCC panels along with equipments for 2x132 KV end bay each at 132 KV Dhad SS & 220 KV Bhokardhan SS on risk and cost of M/s Pratibha Electricals						
SCHEDULE - A (ERECTION)						
S No	Description of Material	Rating / details↓	Units	Estimated Balance Qty	Ex-work unit Rate in Rs.	Total Amount Rs
1	2	3	4	5	6	7
132 kV Switchyard						
1	132kV CB for 3P trip along with mechanism/ accessories and support structure	1600A - 145kV, 40 KA/3 Sec. MGO	Sets	1	25,357.06	25357.06
2	132kV Isolator with EB along with Insulators and GI support structure including foundation bolts.	1250A - 145kV, 40 KA - 3 Sec. 3625mm Creepage, 4 KN	Sets	1	14,489.79	14489.79
3	132kV Isolator without EB, along with insulator and GI support structure including foundation bolts.	1250A-145kV,40 kV-3 sec. 145 kV, 3625mm Creepage, 4 KN	sets	0	13,282.32	0.00
4	132kV CTs (prot)	145kV, 800-400-200/1A, 5C	Nos	1	2,415.05	2415.05
5	Wave trap (Pedestal type) along with support insulators and terminal connectors	1250 A, 0.5mH, 132kV	Nos	0	3,622.53	0.00
6	Coupling capacitor along with support structure & terminal connectors	6600 PF, 132 kV	Nos	0	2,415.05	0.00
7	132kV Bus post insulator	145kV, 3625mm Cr. , 4KN	Nos	3	1,449.07	4347.21
8	132kV LA	Along with power connectors & discharge counter	Nos	0	2,415.05	0.00
Control & Relay panels (with bay controller system)						0.00
9	132 kV feeder control and Relay Panel	Numerical dist. Protection with BCU	Sets	1	4,226.26	4226.26
Lightning Fixtures (HPSV Type)						0.00
10	2x400W HPSV Fixture for Lighting Mast	with control gear junction boxes	Nos.	8	1,193.13	9545.04
11	Bus bar stringing including hoisting of insulator hardware, paving out of conductor and stringing of conductor for 220KV /132-110-100 KV/33-22 KV Single bus.					0.00
	220/132/33kV Twin conductor		Rmt	0	362.34	0.00
	220/132/33 kV Single conductor		Rmt	36	241.60	8697.60
12	Earthwire stringing including paving out of earthwire, fixing of hardware at both ends and stringing of earth wire.					0.00
	Tension clamp for Earth wire	Compression Type	km	0.50	30,186.96	15093.48
	Flexible copper earth bond	EC Grade copper				
	Earthwire	7/3.15 sq.mm GI				
13	Jumpering : Cutting of conductor to required length, fixing of clamps/ connector at both end and jumpering to the equipment.					0.00

S No	Description of Material	Rating / details↓	Units	Estimated Balance Qty	Ex-work unit Rate in Rs.	Total Amount Rs
	220 kV Jumpers		Nos		303.00	0.00
	132 kV Jumpers		Nos	24	271.49	6515.76
	33 kV Jumpers		Nos		152.00	0.00
14	Excavation of trench up to 600 mm depth, laying of earthmat, welding, and backfilling.					0.00
	Earthing strips	(75x10 MS FLAT)	Rmt	190	57.49	10923.10
15	Equipment/ Gantry/ Support Structure earthing including excavation and backfilling, cutting, bending & drilling of M.S/ GI flat & welding one end to earth mat and other end to equipment etc					0.00
	Earthing strips	(50 x8 GI)	Nos	15	187.80	2817.00
16	Excavation of earth pit, fixing of C.I. and G. I. pipe, backfilling with coal, salt and black soil in layer etc. as per standard procedure that to the extent to get satisfactory RESULT.					
	EARTHING SET	(Station type CI Pipes, including earthing materials)	sets	0	5,433.74	0.00
	Fixing of G.I. trays (inclusive of fixing material bugdi bolt, washers. Nut etc)					
17	Cable trays	(400 x 40 mm, perforated GI)	Rmt	600	29.99	17994.00
18	Cable trays	(200X20 mm, perforated GI)	Rmt	400	26.40	10560.00
19	Cable trays	(80X20 mm, perforated GI)	Rmt	200	21.62	4324.00
	Erection of Marshaling Boxes / Lighting Boxes with Grouting of H.G. assembly along with structures etc.					
21	Marshalling box	60 terminals, outdoor type	Nos	1	1,932.06	1932.06
22	Marshalling box	120 terminals, outdoor type	Nos	1	1,932.06	1932.06
23	PVC pipes for control cable connected between cable trench and various equipments.	110 mm Diameter, rigid PVC, Conforming to IS 13952 and of pressure 4 Kg/ Sq cm along with necessary fittings conforming to IS 14735 amended up-to-date	Rmt	298	144.76	43138.48

S No	Description of Material	Rating / details↓	Units	Estimated Balance Qty	Ex-work unit Rate in Rs.	Total Amount Rs
	Laying,dressing and clamping of control cable (inclusive of clamping materials,cable tie,aluminium sheet clamp etc.)					
24	2 core, 2.5 sq.mm	Armoured, Copper FRLS	Rmt	100	12.05	1205.00
25	4 core, 2.5 sq.mm.	Armoured, Copper FRLS	Rmt	1500	18.04	27058.50
26	7 core, 2.5 sq.mm	Armoured, Copper FRLS	Rmt	300	18.04	5411.70
27	12 core, 2.5 sq.mm	Armoured, Copper FRLS	Rmt	500	24.01	12005.50
28	19 core, 2.5 sq.mm	Armoured, Copper FRLS	Rmt	300	24.01	7203.30
29	4 core, 10 sq.mm	Armoured, aluminium FRLS	Rmt	150	18.03	2704.50
30	H.F.cable	75 ohm, Unbalanced	Rmt	0	10.00	0.00
31	Telephone cable	10 Pair - Armoured	Rmt	0	8.00	0.00
	Termination of control cable at both ends (Inclusive of glands,lugs,ferruls etc.)					
32	2 core, 2.5 sq.mm	Armoured, Copper FRLS	per cable	15	211.70	3175.50
33	4 core, 2.5 sq.mm.	Armoured, Copper FRLS	per cable	30	271.48	8144.40
34	7 core, 2.5 sq.mm	Armoured, Copper FRLS	per cable	8	302.56	2420.48
35	12 core, 2.5 sq.mm	Armoured, Copper FRLS	per cable	8	392.23	3137.84
36	19 core, 2.5 sq.mm	Armoured, Copper FRLS	per cable	8	392.23	3137.84
37	4 core, 10 sq.mm	Armoured, aluminium FRLS	per cable	15	271.48	4072.20
	Erection of Gantry/ Equipment structure , shifting of material from site store,assembling, erection of Gantry structure/ equipment support structure including foundation bolts, nut bolts, washers etc.					
38	Structure* +foundation bolts (For 220 KV Gantry)	Galvanised gantry structures including the foundation bolts.	MT	0	3,333.00	0.00
39	Structure* +foundation bolts (For 132 KV Gantry)	Galvanised gantry structures including the foundation bolts.	MT	5.80	3622.52	21010.62
40	Structure* +foundation bolts (LA,CT,BPI) (for220/132/33KV)	Galvanised equipment support structure including the foundation bolts.	MT	0.26	3139.53	816.28
	Dismantling of Gantry structure including foundation bolts, nut bolts, washers etc. and shifting of material to site store / stacking platform					0.00
41	Structure* +foundation bolts (For 132 KV Gantry)	Galvanised gantry structures including the foundation bolts.	MT	0	2898.02	0.00
42	Structure* +foundation bolts (LA,CT,BPI) (for220/132/33KV)	Galvanised equipment support structure including the foundation bolts.	MT		2511.62	0.00

S No	Description of Material	Rating / details↓	Units	Estimated Balance Qty	Ex-work unit Rate in Rs.	Total Amount Rs
PLCC Panel						
43	PLCC panels (for 220/132kV)	a) 40w, Twin channel, 2*4KHz single side band alongwith protection coupler	Sets	0	4226.26	0.00
44	HF Cable (Laying)	75 Ohms (Unbalanced)	Rmt.	0	12.06	0.00
Total (Erection) Amount in Rs. "A"						285811.61
Remark: - Gross Total of the work schedule is including GST @ 18%.		B= 1% of "A"	1% Labour cess on Subtotal		2858.12	
		C=A+B	(Ex-works+LC)		288669.72	
		D=18% of "C"	GST 18 % on (Ex-works+LC)		51960.55	
		E=C+D	Total Amount Rs		340630.27	
			Round off Rs		340630.00	
In words Rs Three Lakh forty thousand six hundred & thirty only						



**Executive Engineer
EHV Project Dn Akola**

PERCENTAGE RATE FORM

Form for Quoting % Rate for items included in Schedule 'A' for-

E-Enquiry: - MSETCL/EE/EHV/Project/Div/Tech/AKL/No. 150 Date :- 15.02.2024

Name of Work :- Balance erection work of 132KV Dhad-I End bay at 220 KV Bhokardan SS, including erection of PLCC panels along with equipments for 2x132 KV end bay each at 132 KV Dhad SS & 220 KV Bhokardan SS on risk and cost of M/s Pratibha Electricals.

Estimated cost :- Rs.340630.00/- (In word Rs Three Lakh Forty thousand six hundred & thirty only.) including GST @18%

I am ready to execute the work in Schedule A at :

- 1) _____% Above (In word _____ % Above) the estimated cost.
- 2) _____ % Below (In words _____ % Below) the estimated cost.
- 3) Rate Quoted = Estimated Cost i.e. Rs.----- (In Word-----
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Mention Taxes if any :-

Signature with stamp of bidder:

Name of Contractor :-

Address:-

PAN Card No:-

Mobile No.:-

E-Mail ID for Correspondence :-