

Issued to: _____

BHARAT HEAVY ELECTRICALS LIMITED

RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION

TENDER DOCUMENTS (PRICE BID)

Name of the work : Installation of digital energy meters for quarters in township.

Tender Notice : HY/TA/E/OT-03/2014-15, Dt. 16.02.2015; Item No. 01

- - INDEX - -

1. Schedule - A : Schedule of rates and approximate quantities

ADDRESS :

PHONE NO. : _____

E-mail : _____

SCHEDULE - 'A'
INSTALLATION OF DIGITAL ENERGY METERS FOR QUARTERS IN TOWNSHIP.

Sl. No.	Nature of work	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
1	Supply & fixing meter box of approved design and at least of size 10"w x 12"h x 2.5"d, fabricated out of 18 gauge (1.2 mm) thick CRCA sheet fully powder coated; on surface/ in recess including cutting of wall & finishing with required masonry work and making good the wall etc. The meter box must have gasketed hinged door, mechanical locking arrangements, slots for incoming & outgoing cable, provision for fixing of single pole MCB etc. all including cost & conveyance of materials and labour charges; complete as directed by Engr.-in-charge.	Each	4130	700.00	28,91,000.00
2	Supplying and fixing 240 volts, "C" curve, miniature circuit breaker (MCB), in accordance with IS 8828:1996 of following ratings in the existing meter box complete with connections, testing and commissioning etc. as required; complete as directed by Engr.-in-charge.				-
a)	32A, 10 kA single pole MCB	Each	3030	211.00	6,39,330.00
b)	63A, 10 kA single pole MCB	Each	1760	433.00	7,62,080.00
3	Supply & fixing of tamper proof, self locking type, polycarbonate, transparent meter covering box on existing meter box with necessary screws & seals etc., complete all as directed by Engr-in-charge.	Each	4780	298.00	14,24,440.00
4	Fixing of digital energy meter and connection upto a stretch of 1 metre from existing position of meter box with 2 x 6.0 sq. mm FR PVC insulated multi-stranded copper conductor, single core cable in surface/ recessed medium class PVC conduit as required; termination with crimping type copper lugs of suitable sizes conforming to I.S. specifications, marking of qtr. no. on meter box with stencil & paint including transportation of meters from store and all other incidental charges. The above shall be followed by removal of existing energy meter, board, wires, fuse units etc. as required, stacking (serviceable & unserviceable) & handing over to store with proper markings & records; all complete as directed by Engr.-in-charge. (Digital energy meter will be supplied by BHEL)	Each	4780	198.00	9,46,440.00
	SHIFTING OF METERS - (from inside to outside)				-
5	Supply & wiring for circuit / submain with 2 x 6.0 sq.mm size of FR PVC insulated multistranded copper conductor, single core cable in surface/ recessed medium class PVC conduit as required; complete all as directed by Engr.-in-charge.	Metre	7000	155.00	10,85,000.00

Sl. No.	Nature of work	Unit	Qty	Rate	Amount
(1)	(2)	(3)	(4)	(5)	(6)
	TOTAL	(Rupees seventy seven lakhs forty eight thousand two hundred & ninety only)			77,48,290.00

Note:- The tenderers are required to quote their tender value on %age basis at excess or less or on par with estimated value.

Tender (%)	in figures	in words
Excess		
Less		
Estimate rate only		

Conditions :

1	A penalty of 0.1% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	The rate quoted by the contractor shall be inclusive of all taxes (except service tax) and duties levied by Central/State Govt. organizations as well as local authorities, as applicable from time to time.
3	Service tax will be extra if applicable for this contract. Service Tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.
4	The contractor if asked by the contract executing officer should produce proper documents (i.e., cash bills/invoices/delivery challans etc. in original) in support of purchase of materials, whichever is in the scope of the contractor as mentioned in the schedule of the contract.
5	Maintenance period : one (1) year from the date of completion

Sl. No.	Name of accessories	Recommended Make to be used
1	FR PVC insulated multistranded copper conductor single core cable (1.5 / 2.5 / 4.0 / 6.0 sq.mm) (of suitable colour code as directed by Engineer-in-charge)	1100 Volt Grade, Flame Retardant Low Smoke Type Only. FINOLEX / L&T / HAVELLS / ANCHOR.
2	PVC Conduits	Sudhakar / Avonplast / Nandi
3	Tamper proof, self locking type, polycarbonate, transparent meter covering box	Nakoda make
4	Miniature Circuit Breakers (MCB)	Havells / Legrand / Hager / L&T / Standard
5	Generally all materials supplied by the Contractor	approved make and ISI certified as agreed by the Engineer-in-Charge.