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TENDER SPECIFICATION

TENDER NO. BHEL/ NR/ SCT/ BAWANA/CVL & PIPING/952

FOR

**"Connection of ETP Discharge from CMB to Storm Water Pump House (SWPH)
and Extension of SWPH discharge from Plant Boundary to Bawana Escape Drain
at 1500 MW, PRAGATI-III CCPP, BAWANA, DELHI".**

PART II – PRICE BID



**Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northern Region,
Plot No. 25 , Sector - 16A ,
Distt. Gautam Budh Nagar, NOIDA – 201 301.INDIA**



ISO 9001, ISO 14001,
OHSAS 18001 & SA 8000
certified company
SubContract and Purchase Deptt.

Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northern Region,
Plot No. 25 , Sector - 16A ,
Distt. Gautam Budh Nagar, NOIDA – 201 301(INDIA)
Phone: 0091-0120- 2416513/ 2416278
Fax 091-0120-2416528
Email: prashant@bhelsnr.co.in/ bps@bhelsnr.co.in

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IMPORTANT NOTE

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THIS TENDER SPECIFICATION ISSUED TO:

M/S-----

RATE SCHEDULE

Scope: LAYING OF CMB DISCHARGE PIPELINE TO SWPH & SWPH DISCHARGE PIPELINE TO BAWANA ESCAPE DRAIN (OUT SIDE PLANT) AT 1500 MW PRAGATI III CCPP, BAWANA

SI No	DESCRIPTION OF ITEM	UNIT	TOTAL QTY	RATE (IN RUPEES)	AMOUNT (IN RUPEES)
	(A) CIVIL WORKS				
1	Earth work in excavation in all types of soil including ash which can be excavated by any means including setting out, levelling, dewatering (but excluding special type of dewatering viz. well point method), shoring & strutting (wherever required), dressing the sides & bottom, all lifts, ramming/compacting the excavated bottom, stacking, disposal of surplus excavated materials within a lead upto 500 m, spreading/levelling of disposed materials etc all complete for following depths below ground level.				
(a)	Depth from ground level but not exceeding 2 m	CUM	6650.00		
(b)	Depth exceeding 2 m but not exceeding 4 m	CUM	3885.00		
2	Back filling upto any depth below ground level around foundations, plinths, trenches, drains etc to proper grade and level in layers not exceeding 250 mm thickness using/with selected materials from compulsorily excavated soil available within a lead upto 500m and compacted as specified including re-excavation of stacked earth, watering, ramming/compaction by manual/mechanical means, dressing etc all complete.for the following.				
(a)	Each layer compacted so as to achieve at least 95% maximum dry density as per IS-2720 (Part-VII)	CUM	14336.00		
3	Extra over ST No. 1 and 2 for carriage of excavated earth/selected materials for every 1 km or part thereof beyond an initial lead of 500m.				
	upto 1 km	Cu.M	989.00		
4	Supplying and filling sand upto any depth under floors, around foundations, plinths etc. in layers not exceeding 250 mm thickness and compacted so as to achieve at least 80% relative density as per IS-2720 (Part-XIV) including spreading, watering, ramming/compaction by manual / mechanical means, dressing, royalty (if any) etc. all complete.	CUM	553.00		
5	Providing and laying Design Mix cement concrete conforming to IS:456 & IS 10262-2009 for reinforced concrete works with coarse sand and graded hard stone aggregate of 20mm nominal size in foundations/substructure, grade slab, paving,				

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	drains, under floors etc at any level below finished floor level, any shape, position or thickness etc complete including use of plasticizer/ superplasticizer conforming to IS:9103 (latest) to achieve required slump in concrete all complete as per specification & drawing for the following. (OPC and PPC cement will be issued as FOC item)				
a	M25 Grade	CUM	147.20		
6	Fairface form work with good quality water proof ply wood of required thickness and smooth surface below finished ground floor level for foundations, footings, base of columns, walls, columns, pilasters, beams, mass concrete, trenches etc.	SQM	242.00		
7	Providing, straightening, cutting, bending, placing in position at any level, binding in position of steel reinforcements of TMT steel of grade Fe-500 confirming to IS:1786 including cost of binding wire, labour, scaffolding, transportation to & from stores etc complete all as per specifications, drawings and as directed by Engineer. (TMT will be issued as FOC item)	MT	7.00		
8	Dismantling concrete work for all types of structures at all levels including stacking of servicable material to a lead of 500 m and disposal of unservicable material upto a lead of 2 km, cutting of reinforcement, labour, equipment, safety precautions etc all complete as per drawings, specification and instructions of engineer in charge.				
a	Plain cement concrete of all grades	CUM	20.00		
	(B) MECHANICAL WORK				
	Piping and its fittings and jointing material with wrapping & coating	MT	58.00		
	(C) GROSS TOTAL OF ALL THE ABOVE WORKS				
Note: Price evaluation will be done on gross total "C"					

Note:-

- a) Tender shall be evaluated on Gross Total "C".
- b) The tenderer shall quote the price as per the rate schedule only, in part II price bid (Original). Conditional price bids or price bids with any deviation / clarification etc. are liable to be rejected. No cutting / erasing / over writing shall be done.

DATE:
PLACE:

SIGNATURE:

NAME OF SIGNATORY:

NAME OF BIDDER:
(SEAL OF THE BIDDER)