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TENDER SPECIFICATION

TENDER NO. BHEL/NR/SCT/PARBATI-III/DISMANT & TPT/990

FOR

“Dismantling and Demolishing of Closed Store Shed (02 Nos.) and Open Storage Yard Complex at site for Parbati Stage-III at Panarsa, Distt. Mandi (H.P.) and Transportation of Reusable Materials from Parbati Stage-III, Panarsa, Distt. Mandi (H.P.) to Vyasi HEP Site, Distt. Dehradun, Uttarakhand.”

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
Sub Contract Deptt.**

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THIS TENDER SPECIFICATION ISSUED TO:

M/S-----

Annexure - A**UNPRICED RATE SCHEDULE**

Job:- Dismantling and Demolishing of Closed Store Shed (02 Nos.) and Open Storage Yard Complex at site for Parbati Stage-III at Panarsa, Distt. Mandi (H.P.) and Transportation of Reusable Materials from Parbati Stage-III, Panarsa, Distt. Mandi (H.P.) to Vyasi HEP Site, Distt. Dehradun, Uttarakhand

Sl. No.	Description of Works	Lump sum Price ("A") in Rupees (In Figures and word) are to be quoted.
1	Lumpsum price for the work of "Dismantling and Demolishing of Closed Store Shed (02 Nos.) and Open Storage Yard Complex at site for Parbati Stage-III at Panarsa, Distt. Mandi (H.P.) and Transportation of Reusable Materials from Parbati Stage-III, Panarsa, Distt. Mandi (H.P.) to Vyasi HEP Site, Distt. Dehradun, Uttarakhand."	

Note:-

The rates of different items for the entire scope shall be worked out & awarded as per Annexure 'B'.

Annexure – B**Calculation ratio for different items based upon the total value as per rate schedule**

Sl. No.	Description of Works	Unit	Quantity	Item Factor	Item Rate (I) = (Item Factor (F) *Lum sump Price ('A'))/ (Quantity (Q) *100)	ITEM WISE TOTAL (INR)
			(Q)	(F)	(I) = ((F)*(A))/(Q*100)	(Q*I)
A.	Dismantling and Demolishing of Closed Store Shed (02 Nos.) and Open Storage Complex					
1	Demolishing cement concrete in Plain Cement Concrete, Damp Proof Course, Plinth Protection, IPS Flooring etc. manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge.					
a	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	CUM	62.123	2.3897		
b	Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	CUM	147.75	3.5037		
2	Demolishing R.C.C. work in Column	CUM	117.52	6.5951		

	footings, sunshades, Plinth Beam, Shelves, lintels etc. manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 meters lead as per direction of Engineer - in- charge.					
3	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer -in - charge.	SQM	73.45	1.4308		
4	Demolishing brick work in foundation, plinth and super structure etc. manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge.					
a)	In cement mortar	CUM	80	2.5996		
5	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 meters lead:					

a)	Of area 3 sq. meters and below	EACH	109.21	0.6669		
6	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 meters lead :					
a)	Of area 3 sq. meters and below	EACH	10	0.0236		
7	Dismantling steel work in built up sections (Gates, Railings, Frames, Gratings, Trusses etc.) in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 meters lead.	Kg	63136.8	5.6286		
8	Dismantling tile work in floors, walls and roofs laid in cement mortar including stacking material within 50 meters lead.					
a)	For thickness of tiles 10 mm to 25 mm	SQM	15.4	0.0186		
9	Dismantling roofing in Asbestos sheet and corrugated Translucent Plastic sheet including ridges, hips, valleys and gutters etc., and disposing of the dismantled sheets as per standard specifications and norms as applicable and as directed by BHEL Engineer.	SQM	2597.37	3.3575		

10	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 meters lead.	Kg	733.61	0.4251		
11	Dismantling and stacking within 50 meters lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of :					
a)	T' or 'L' iron or pipe	EACH	1144	4.8953		
12	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge.	SQM	37.69	0.0353		
13	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 meters lead as per direction of Engineer-in-charge :					
a)	15 mm to 40 mm nominal bore	RM	180	0.4493		

14	Dismantling of flushing cistern, Urinals, WC etc. of all types (C.I./PVC/Vitrious China)including stacking of useful materials near the site and disposal of unserviceable materials within 50 meters lead.	each	4	0.0615		
15	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	CUM	20	0.1185		
16	Taking out C.I. cover with frame from R.C.C. top slab of manholes of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 meters lead as per direction of Engineer-in-charge.	each	2	0.0226		
17	Dismantling of road gully chamber of various sizes including C.I. grating with frame including stacking of useful materials near the site and disposal of	each	1	0.0154		

	unserviceable materials within 50 meters lead including refilling the excavated gap.					
18	Dismantling Water Bound Macadam manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 meters lead as per direction of Engineer-in-charge :	Cum	1738.8	20.4614		
19	Supplying of good earth from outside the site including the cost of filling the same within the site in layers not exceeding 200 mm in depth and consolidating each deposit in layers by ramming and watering including all lead and lift etc. complete. This includes carriage of soil by mechanical means from the available source to site including loading, unloading, grading levelling etc. complete for all leads and lifts as directed by BHEL Engineer.	Cum	1200	20.8072		
20	Dismantling of 16 Mtr. High Mast Lighting system with proper and safe measures and stacking of High Mast poles and lighting system material within 50 meters lead as per direction of the	No.	2	1.9910		

	Engineer-in-charge.					
21	Cleaning and pumping out of soil waste and water; and dismantling of Septic Tank of size 2.0 x 0.90 x 1.60 m. having 250 mm thick brick masonry in cement mortar of 1:6, 15 cm thick cement concrete 1:4:8 grade in bed, 75 mm thick 1:2:4 grade cement concrete flooring and 100 mm thick over RCC slab of 1:2:4 grade, 75 thick partition wall etc. complete.	No.	1	0.4755		
22	Dismantling of 500 lites HDPE Water Tank including dismantling of 3 meter high brick masonry pillers and storage of usable pipes, fittings and Tank and usable materials within a lead of 50 meters.	No.	1	0.7578		
23	Taking out 100 mm Sand Cast Iron Grating from gully, floor or Nahni trap of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 meters	No.	4	0.0617		

	lead as per direction of Engineer-in-charge.					
24	Dismantling and stacking within 50 meters lead of all the serviceable materials of Electrical Items like 40 W Fluorescent Tube Fittings, 250 W outdoor lamps, exhaust fan/ceiling fan/wall mounted fan, 6 Pin Power Socket along with wiring etc.	Lumpsum	1	0.5497		
25	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to customer approved dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved. (Distance of Dumping Yard is considered approx. 3 Km, However it may vary as per site requirement, contractor needs to carry out the job as directed by BHEL Engineer. No extra claim for the lead shall be considered).	Cum	50	0.2964		

	TOTAL FOR ITEM (A) ABOVE					
B.	TRANSPOTATION WORK					
1	Transportation of Reusable Structural Steel and other materials obtained from dismantling from Parbati Stage-III at Panarsa, Distt. Mandi (H.P.) to Vyasi HEP Site, Distt. Dehradun, Uttarakahnd. This includes loading of materials at Parbati Site, transit insurance and safe unloading at Vyasi Site with his own labours, T&P and other resources etc. complete as per direction of BHEL Engineer.	MT	70	22.3624		
	TOTAL FOR ITEM (B) ABOVE					

Notes:-

- 1. Contractor shall fully understand work description and scope of work before quoting. The scope of work and responsibility of the contractor as mentioned under these specifications shall be covered within the quoted rates.**
- 2. The tenderer shall quote the rates as per the rate schedule only. Conditional price bids or price bids with any deviation/ clarification etc. are liable to be rejected. No cutting/ erasing/ over writing shall be done.**
- 3. Separate order shall be issued for Dismantling & Demolishing work items(A) and Transportation work item(B)**
- 4. Evaluation of bids shall be done on Lumpsum price ('A') against this Rate Schedule.**
- 5. In case of any mismatch in Rate and amount on Price discrepancy, the same will be dealt as per clause No.1.4 of GCC.**