

	<p align="center"> BHARAT HEAVY ELECTRICALS LIMITED HIGH PRESSURE BOILER PLANT Tiruchirappalli - 620 014 WORKS CONTRACTS MANAGEMENT Phone : 0431 - 257 1579, 1516, 7042 E-mail: krishnasamad@bhel.in mpchaudhary@bhel.in, evenkat@bhel.co.in Website : www.bhel.com </p>	<p align="center"> AN ISO 9001 COMPANY </p>
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“PART-II / PRICE BID”

(To be submitted in separate Envelope)

“WORK / RATE SCHEDULE”

Sl. No.	Job Description	UOM	APPROX. QTY	Rate (₹/UOM)	Amount (₹)
10: PVC CABLE LAYING					
10.1	Wiring/Laying of PVC Telephone Cable of size 04/05/10/20/50 Pair on walls/ceiling with proper clamps and dressing.	Meter	500		
20: Laying of underground Jelly Cable					
20.1	Laying cable in existing trench :- Laying of underground Telephone cable of size 10/20/50/100 & 200 Pair in the already formed trench - RCC slab opening for required intervals for cable laying and closing the trench after completion of laying, to be done properly by the contractor.	Meter	500		
20.2	Excavation and cable laying :- Excavation of earth to a depth of 0.8 Meter in all kind of soil and laying of Underground Telephone Cable of size 10/20/50/ 100/200 Pair and refilling the trench with already excavated earth and make the trench good condition.	Meter	1500		
20.3	Additional Run of cable laying :- Laying of additional run of Telephone cable pair size 10 to 200 Pair in the already excavated/opened trench.	Meter	500		

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20.4	Laying cable along girders :- Laying of 10/20/50 pair PVC telephone Cable,50/100 pair Underground Jelly Filled Telephone Cable along the girders in the factory shop area with necessary binding strips covered with PVC Tape. (Required Cable, Casing Capping/Duct only will be supplied by BHEL free of cost at Stores).	Meter	500		
30 : Road Cutting and cable laying :-					
30.1	Road cutting, pipe laying and laying the cable (10 to 200 pair) inside the pipe of minimum 6 inch dia and refilling the trench with already excavated earth and make the trench good condition.	Meter	50		
40 : CABLE JOINT :-					
40.1	10/20 Pair Cable Joint :- Making straight through joint in 10/20 Pair Jelly Filled Underground Telephone cables. (The work involves excavate the trench, jointing of each wire in the pairs,sleeving, plumbing, with suitable jointing kit and testing for continuity between DP & MDF.After testing, the trench should be closed with the already excavated earth and make the trench in good condition.)	Number	40		
40.2	50 Pair Cable Joint :- Making straight through joint in 50 Pair Jelly Filled Underground Telephone cables.(The work involves excavate the trench, jointing of each wire in the pairs,sleeving, plumbing, with suitable jointing kit and testing for continuity between DP & MDF.After the testing, the trench should be closed with the already excavated earth and make the trench in good condition.	Number	5		

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Sl. No.	Job Description	UOM	APPROX. QTY	Rate (₹/UOM)	Amount (₹)
40.3	<p>100 Pair Cable Joint :-</p> <p>Making straight through joint in 100 Pair Jelly filled Underground Telephone cables.(The work involves excavate the trench, jointing of each wire in the pairs,sleeving, plumbing with suitable jointing kit and testing for continuity between DP & MDF.After the testing, the trench should be closed with the already excavated earth and make the trench in good condition.)</p>	Number	5		
50 : DP BOX FIXING					
50.1	<p>10/20/30 Pair DP Box Fixing :-</p> <p>Fixing of DP box of size 10/20/30 pair on the wall and making termination of Underground Jelly Cable and PVC Telephone cable of 10/20/30 pair.</p> <p>(The work involves removing the cable sheath, cleaning the jelly filled cable and making termination of the cable in the DP and fixing of cables with proper clamps).</p>	Number	20		
50.2	<p>50 Pair DP Box Fixing :-</p> <p>Fixing of DP box of size 50 pair on the wall and making termination of Underground Telephone Cable of 50 pair. (The work involves removing the cable sheath, cleaning the jelly filled cable and making termination of the cable in the DP and fixing of cables with proper clamps).</p>	Number	5		
50.3	<p>100 Pair DP Box Fixing :-</p> <p>Fixing of DP box of size 100 pair on the wall and making termination of Underground Telephone Cable of 100 pair. (The work involves removing the cable sheath, cleaning the jelly filled cable and making termination of the cable in the DP and fixing of cables with proper clamps).</p>	Number	5		

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Sl. No.	Job Description	UOM	APPROX. QTY	Rate (₹/UOM)	Amount (₹)
60 : END TERMINATION					
60.1	10/20 Pair End Termination :- Termination of Jelly filled/PVC Telephone cable of 10/20 pair. The work involves removing the cable sheath, cleaning the jelly filled cable, termination	Number	15		
60.2	50 Pair End Termination :- Termination of jelly filled/PVC Telephone cable of 50 pair. The work involves removing the cable sheath, cleaning the jelly filled cable, termination of the cable in the existing	Number	5		
60.3	100/200 Pair End Termination :- Termination of jelly filled telephone cable of 100/200 Pair. The work involves removing the cable sheath, cleaning the jelly filled cable, termination of the cable in the existing	Number	3		
70 : REMOVAL OF OLD CABLES :-					
70.1	Removing old damaged/faulty jelly filled/PVC Telephone cables from the wall, pillar, girder etc., and returning the same to Disposal Stores.	Metre	4000		
Total offer value for Items(10+20+30+40+50+60+70) (Excluding GST)(₹)					

A. TECHNICAL TERMS&CONDITIONS OF CONTRACT

- 01). Required Telephone Jointing Kit will be supplied from BHEL at free of cost.
- 02). Movement of the materials from Stores/Exchange to work spot and return of excess materials to the Stores/Exchange are under the scope of the contractor.
- 03). The contractor should report for work at short notice whenever required on any day including Sundays & Holidays
- 04). Issue of all materials at Stores is subject to the availability at the place of issue noted above.

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- 05). The contractor shall not be entitled to any claim or compensation for non-supply or delay in supply of Stores under any circumstances.
- 06). The contract period will be for one year from the date of issuing of work order.
- 07). The quantities shown are of approximate and likely to vary + / - 5 % during execution of work.
- 08). All surplus materials in good condition which are not returned to BHEL stores and also quantity of materials consumed in excess of the actual requirements shall be charged by BHEL.
- 09). Necessary tools, raw plugs, fixing screws (Metal screws), instruments including megger, blow lamp, kerosene, soldering iron, etc., are under the scope of contractor.
- 10). Safety precautions to be adhered strictly.
- 11). Jointing and end termination should be carried out by experienced technician.
- 12). Contractor should maintain the depth of 0.8 Metre in all places irrespective of nature of earth.
- 13). Telephone route indicator should be provided wherever necessary
- 14). Telephone cable, route indicators, scrap/unused pipes will be supplied by BHEL at free of cost.

B. IMPORTANT TERMS FOR PRICE BID & RATE BASIS:

1. Refer conditions for contract finalization of techno-commercial bid (Part-I).
2. The quoted rate should be excluding GST and inclusive of any taxes and duties levied or to be levied both by Central and State Government authorities from time to time. Such levies should be borne by the Contractor. GST will be paid extra on submission of documentary evidence.
3. The quoted rate shall be firm throughout the currency of the contract.
4. Tenderer must quote for all the schedule. Contract for all the work will be awarded to one party. Partial offer will be rejected. L1 will be decided on overall (package) basis.
5. The quoted rate will be inclusive of the charges for the manpower, tool, spares and personal protective equipment's, PF, ESI, Bonus etc., covering all statutory requirements.
6. **CLARIFICATION REGARDING GST:** In case any changes in taxes and duties as per Govt. Notification (including GST), the same shall be applicable from time to time.

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