

TENTATIVE SCOPE OF WORK

Only indicative – for clarifications please contact office

(Only Cement, Reinforcement steel and Structural steel will be provided as free issue material at BHEL stores.

All other materials involved in the work has to be brought by the Contractor)

1) Carpentry:

Providing wooden/uPVC doors, windows, ventilators, partially/fully glazed Doors/Windows along with necessary fittings and Removing Damaged Door window shutter partially/fully and rectifying/replacing the same, wood painting and polishing, plastering and finishing to bring back to original finishing in masonry, cleaning, conveyance of debris and removed material, etc.

(Experience: Wood works in building including fixing / any civil building works including carpentry nature of work / related repair works)

2a) Masonry: 2b) Brick Work: 2c) Chimney closing: 2d) Patch Work:

Providing stone masonry, Brick Masonry, attending Masonry cracks, plastering works, damp proof course. Earth work excavation, refilling the excavated soil, disposing the excess soil, site clearance etc. Constructing Manhole, laying sewerage and drainage lines and sanitary fixtures. Conveyance of debris and removed material etc.

(Experience: Any civil building works including masonry / related repair works)

3a) Concreting: 3b) Flooring: 3c) Dismantling:

Excavation for foundations, Earth work excavation, refilling the excavated soil, disposing the excess soil, site clearance etc. Providing and laying in position plain cement concrete/Reinforced cement concrete of specified grade including concrete flooring, Straightening, cutting, bending, placing in position of MS/CTD bars for reinforcement of RCC works. Centering and shuttering including strutting, propping, assembling etc. and removal of form work. Providing and fixing Pre cast slabs. Constructing Manhole, laying sewerage and drainage lines and sanitary fixtures. Dismantling works for all Civil nature of work. Conveyance of debris and removed material etc.

(Experience: Any civil building works including concrete / Flooring / Dismantling nature of work)

4a) Structural Fabrication and Erection: 4b) Structural Painting (Industrial Structures etc):

Collection of raw structural steel sections from BHEL stores and transporting, fabrication of the same as per approved drawings issued by BHEL, erection of the fabricated structures. Supply and erection of aluminum Zinc alloy coated high tensile steel sheets, Non-asbestos cement sheet, poly carbonate sheets, North light glass etc. Painting of fabricated structures, FRP lining works for gutters etc.

(Experience: Any industrial structural works related to fabrication and erection and industrial structural painting works)

5. Road Black toping and patch works:

Scope of work includes providing & laying/ relaying of bituminous roads as per the approved drawings, patch work for the already laid roads, etc.

(Experience: Any Bituminous road laying / related repair works)

6. Ceiling leak and water proofing:

Attending roof and wall leakages using special chemicals. Attending spalling of concrete in ceilings. Providing/Rectifying weathering course tiles. Dismantling RCC, Brick, PCC etc related to above works and finishing. Conveyance of debris and removed material etc.

(Experience: Any roof leak attending work using special chemicals / related repair works)

7. Floor finish, tile and floor repair:

Providing and laying Ceramic tiles, Granite, Marble, Kota, Cuddappah etc. and repair of industrial floorings etc. Dismantling of PCC, RCC and work related to flooring. Conveyance of debris and removed material etc.

(Experience: Any Floor finishing / Tiling / Floor repair works)

8a) Interior, false ceiling and aluminum works:

Providing aluminium doors, windows, ventilators, partitions. Repairs to aluminium doors, windows, ventilators, partitions. Providing / servicing / repairing false ceiling at all heights, venetian blinds, aluminium grills, conveyance of debris in related works etc.

(Experience: Any civil building Interior works)

8b) Painting on Civil works (Masonry):

Painting on new masonry works, repair and repainting on existing masonry structures / concrete structures / roof structures etc.

(Experience: Any civil building painting works)

9. Shaman & Function works:

Erection of Shamiana, stage, flag post, coir mat, tarpaulin pandal, water arrangements, chairs etc., related to functions. Materials will be provided by BHEL.

(Experience: Any nature of work related to Civil / function arrangement)

10. Water supply & Plumbing:

Earth Work excavation and dismantling related to water supply and plumbing works. Repairing and replacing of CI / DI / HDPE pipes, valves and specials provided by BHEL. Supply and fixing / repairing / Replacing of GI/ PVC Pipes, Specials and valves. Cleaning of main overhead water tank, underground reservoirs and other water tanks. Small Masonry work to make the work spot as it were condition and conveyance of debris and removed material etc.

(Experience: Any civil building works / water supply and plumbing related works)

11. Horticulture works:

Maintaining Shrub plants, domes, hedges, lawns, avenue trees and plants available at site and as well as in BHEL Nursery. Plantation of new saplings and maintenance etc. Cutting of dead trees, trees, tree branches. Transporting the garbage and horticulture waste. Jungle clearance etc.

(Experience: Any man power supply works / Horticulture Specialists)

12. Fencing:

Repairing/removing/providing/laying G.I barbed wire/ Chain link fencing, fencing post fabrication and erection, concreting and all other related civil works etc.

(Experience: Any civil works/fencing works)

13. Railway track laying:

Maintenance of BG tracks, points and crossings, replacement of rails, repairs to tracks, maintenance of gantry crane tracks, replacement of sleepers etc.

(Experience: Any civil railway track related works)

14. Sewer line and manhole cleaning:

Removal of blockage and sludge from bath, toilet sewer lines, gully traps, manholes, chambers, underground storm water line cleaning works etc.

(Experience: Any civil / Housekeeping / manhole cleaning works.)

15. Coal tar recovery:

Removal of coal tar from the manhole and pipelines running from Producer Gas plant to Effluent Treatment plant. Removal of blockages in related pipeline and manhole. Handing over of collected waste / Tar / Oil etc.

(Experience: Manhole cleaning works / Coal tar recovery works.)

16. O&M of RO plant:

Operation & Maintenance like regular cleaning, backwashing, dosing etc. of RO Plants (500 LPH Capacity & 250 LPH Capacity etc.) installed at Various Locations in BHEL Trichy Factory Complex, on all working days of the Year. Deputing of Qualified and experienced operator and other necessary work force. Regular maintenance of related pumps etc.

(Experience: Any O&M contracts related to RO plant etc.)

17. O&M of Rolling shutter:

Servicing, attending to minor repairs, greasing for all type of rolling shutters (both pull and push and gear type) of all sizes, removing and re-fixing shutters, brackets and other accessories including supply of spares if necessary etc.

(Experience: Any O&M contracts related to rolling shutter etc.)

18. O&M of Sewage Treatment plant (STP) / Effluent Treatment plant (ETP) / Coolant Recovery / Waste Water Treatment Plant:

Operation and maintenance activities of Effluent Treatment Plant of 500 cum/day located at BHEL, Tiruchirappalli. Maintenance of Pumps, DG Sets etc. Deputing of Qualified and experienced operator and other necessary work force. Disposal of treated water. Testing of Raw and treated water for pH, TSS, TDS, Phenolic compounds, COD, BOD @20°C. Operation and maintenance activities of 600 KLD & 2 MLD capacity Sewage Treatment Plant with all its equipment's. Maintenance of log book for various operations. The work is to be executed on all days in three shifts including public holidays and Sundays. Treatment of the waste coolant from various buildings like Building No.1, 5, 6, 50, SSTP etc at the centralized treatment plant located at BHEL in two shift operation. Transportation of waste coolant from the shop floor and treated coolant to the shop. Cleaning of coolant pit and filling the sump. Deputing of qualified and experienced operator and other necessary work force. Testing of Raw and treated coolant for pH, Conductivity, Temperature, Volume, Bacteriological Analysis for TBC. Testing of permeate discharged and the raw coolant water for BOD, COD, Suspended Solids and Total Dissolved Solids, Oil & Grease, Chlorides, sulphate etc.

(Experience: Any O&M contracts related to ETP / STP etc.)

19. O&M of Power Tiller, Sweeping Machine and Garbage compactor:

Complete overhauling, reconditioning and servicing of Power Tiller, Sweeping Machine and Garbage compactor including servicing of engine, gear box assembly, oil changing, clutch assembly etc. Removing old worn out parts and replacing with new ones supplied by BHEL at free of cost etc.
(Experience: Any O&M contracts related to Tiller / mechanical machine maintenance.)

20. Catering services to Head works near Vengur, Tiruchirappalli:

Supply of food, tiffin, tea, snacks etc. to staffs of BHEL and related workers. The venue of food and beverage supply is at Keelamullaikudi, Puthapuram and Vengur located at the bank of river Cauvery. Service to be given at line burst locations also, at times, along the pumping main line of BHEL water supply lines. The food items are subjected to test check at BHEL's discretion both at suppliers' preparation point and at BHEL supply points or BHEL premise. The items must be of good and acceptable quality.
(Experience: Any catering service.)

21. Housekeeping & Sanitation:

Sweeping of roads, road sides, footpath & platforms, Office Rooms and shop floors, cleaning of toilets, wash basins, urinals etc. in Factory, Township & Public Buildings of BHEL. Removal of blockage and sludge in kitchen, bath, toilet sewer lines, gully traps, manholes, chambers, oxidation ponds, effluent treatment plant etc. Collection of garbage from the occupants daily, conveying it to the earmarked places, segregation of bio & non-bio degradable wastes, composting and safe disposal of non-compostable. Cleaning and removal of the unwanted vegetation growth in roofs and walls, weeding of drains, applying disinfectants like chlorinated lime, pest control, fogging operation for mosquito control etc.
(Experience: Any Housekeeping / Sanitation related works.)

22. New wiring/ Rewiring:

Removing old wiring, supplying and rewiring with PVC insulated multistring copper conductor cable, supplying and fixing of switches, sockets, Fan regulators, fuse, Meter box, exhaust fan, HPF fluorescent street light fitting, Rewinding of squirrel cage Induction Motor's, Illumination of parks etc.
(Experience: Any related electrical works with valid license.)

23. Maintenance of Ceiling fans/Street lights:

Rewinding and overhauling of ceiling fans, table fans and exhaust fans, replacement of faulty condenser, attending street light fitting faults like CFL / Tube Light/ SV/ Halogen / MV/ T5/ Metal Halide / LED/ PV Solar Street Light on posts, removal of the existing OH service line connection, Trimming of protruding branches, maintenance of High mast Lighting system etc.
(Experience: Any related electrical works with valid license.)

24. AMC for DG sets/Inverters:

Annual maintenance, services and breakdown services for diesel generator set engines including supply of spares for makes such as CUMMINS, CATERPILLAR, KIRLOSKAR, MAHINDRA, ADOR etc. and Alternators make such as KIRLOSKAR, SACS, JOTHY, CROMPTON, AVKC, STAMFORD, etc. Maintenance and servicing 1.00 KVA of various makes and models etc.
(Experience: Any related electrical works.)

25. Replacement of faulty service line/Meter board/MCB:

Removal of Old fuse units, switches and O.H service line, supply and fixing of weather proof meter box, earth electrode and 12 SWG GI wire, stringing of two wire single phase 230Volts, stringing of four wire three phase OH service line with all materials required for all works etc.

(Experience: Any related electrical works with valid license.)

26. Maintenance of Electrical installations (Fuse of call):

Attending to the day to day electrical complaints in Township including all preventive and maintenance works that comprise of attending to the fuse off call works, renewal of rewirable / HRC fuses in cut-outs, main switches and distribution boards, checking all the connecting terminals between meter to distribution board etc. including all materials for work.

(Experience: Any related electrical works with valid license.)

27. O&M of Electrical installations, Valves, Pumps etc. at Vengur Head work in River Cauvery, Equalizing Reservoir near Thiruverumbur, other Pump Houses/Public Buildings:

Operation of Valves, Pumps, Motors, Generators etc round the clock and Log book maintenance. Operation of sluice valves during the process of switching on/off of pump sets and servicing of pumps and valves. Attending and rectifying the faults in electrical equipment's such as motors, switches, panel boards, lighting circuits including replacement of bulbs, fluorescent tubes, low tension fuses like HRC and rewirable fuses in switch fuses / panel boards/ distribution boards, motor bearing change, minor services etc.

(Experience: Any related electrical works with valid license.)

28. Rewinding of motors:

Rewinding and overhauling of various capacity electrical motors ranging from 0.5 HP to 150 HP including submersible motors, replacement of faulty condenser and other motor related works etc.

(Experience: Any related electrical works with valid license.)

PREAMBLE & NORMS FOR QUALIFICATION

PREAMBLE

01. The works executed in the own name of the applicant only will be considered.
02. Experience indicated in the scope of work will only be considered and Dissimilar / irrelevant works will not be considered.
03. Documentary evidences (xerox copies – attested by self) for turnover, works experience, EPF, ESI registration etc., all as indicated & required should be furnished.
04. Usually, working hours are limited to day time only unless otherwise specified. In emergency cases to carry out the works during nights, it may be done so with the specific prior permission of BHEL. In such case, it is to be carried out in the presence of BHEL officials or their authorized persons.
05. Cement, Reinforcement Steel and Structural steel for the works will be supplied by BHEL.
06. The applicant shall strictly adhere to various labour laws in force.
07. The applicant shall follow norms of BHEL security system for movement of men & materials within the complex including Bio-Metric system.

BASIC QUALIFICATION CRITERIA:

The documents stated in the application form are to be submitted:

Following points are also to be considered:

01. Vendor should give a declaration that on award of contract in favour, they should provide EPF and ESI details within a week
02. GST (if applicable), PAN, Profit & Loss statement and balance sheet for the last three financial years should be provided.
03. IT Returns acknowledged by IT Office for the Three Financial years
For Example, If the contractor is applying during the period Apr-2019 to Oct -2019, IT Returns acknowledged by IT Office shall be Submitted for the Three years 2015-16 , 2016-17 & 2017-18.
If the contractor is applying during the period Nov-2019 to Mar -2019, IT Returns acknowledged by IT Office shall be Submitted for the Three years 2016-17, 2017-18 & 2018-19
04. Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year.
05. Experience of having successfully completed similar works, relevant to the scope, during last Seven (7) years.
06. For Electrical Works, the vendor Should have a valid electrical EA license for Class I and EB license for Class II in the name of the contractor from the competent authority and the same should be submitted.