



**BHARAT HEAVY ELECTRICALS LIMITED
CENTRALISED STAMPING UNIT & FABRICATION
PLANT
Jagdishpur**

**TENDER FOR CONSTRUCTION OF FABRICATION SHOP
AND ASSOCIATED WORKS INCLUDING
ARCHITECTURAL WORKS AT JAGDISHPUR**

**CORRIGENDUM-I
(For BOQ items)**

Tender Enquiry No: BHE/FP/CVL/014

SECTION IV

**BILL OF QUANTITIES AND PRICE SCHEDULE
(Corrigendum)**

**BHARAT HEAVY ELECTRICALS LIMITED
(A GOVERNMENT OF INDIA UNDERTAKING)
CSU & FP
Industrial Area
Jagdishpur (UP) 227817**

Following are the changes in the description of items in section-IV bill of quantities (BOQ) and price schedule of tender enquiry no. BHE/FP/CVL/014 for the work of "Construction of fabrication shop and associated works including architectural works at Jagdishpur .Distt Sultanpur (UP)"

ITEM NO.	DESCRIPTION OF ITEM	DESCRIPTION OF ITEM TO BE READ AS
2.7	Concrete of grade M-25 conforming to IS:456 with coarse sand and graded hard stone aggregate 20mm nominal size in foundations, 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.	Concrete of grade M-25 conforming to IS:456 with coarse sand and graded hard stone aggregate 20mm nominal size in foundations, 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, <u>excluding cost of reinforcement and necessary shuttering cantering etc. and including cost of all materials and T&P required for proper completion of work.</u>
2.8	Concrete of grade M-25 conforming to IS:456 with coarse sand and graded hard stone aggregate 20mm nominal size in superstructure at all heights from finished floor level at any level, shape, position or thickness complete including use of plasticizer/ superplasticizer conforming to IS:9103 (latest) to achieve required slump in concrete all complete.	Concrete of grade M-25 conforming to IS:456 with coarse sand and graded hard stone aggregate 20mm nominal size in superstructure at all heights from finished floor level at any level, shape, position or thickness complete including use of plasticizer/ superplasticizer conforming to IS:9103 (latest) to achieve required slump in concrete all complete <u>excluding cost of reinforcement and necessary shuttering cantering etc. and including cost of all materials and T&P required for proper completion of work.</u>
5.4	Providing and laying protective wearing course of average thickness 25 mm thick PCC (1:2:4) with 6 mm down aggregate laid in 1200 square mm panels alternatively cast reinforced with 0.56 mm dia galvanised chicken wire mesh with a gap of 6 mm between two adjacent panels gaps shall be filled with silicon sealant for expansion and contraction all complete with labour, material, equipment and as per specification/drawing and to the satisfaction of engineer .	Providing and laying protective wearing course of average thickness 25 mm thick PCC (1:2:4) with 6 mm down aggregate laid in 1200 square mm panels alternatively cast reinforced with 0.56 mm dia galvanised chicken wire mesh with a gap of 6 mm between two adjacent panels gaps shall be filled with silicon sealant <u>6 mm deep filled over baker rod</u> for expansion and contraction all complete with labour, material, equipment and as per specification/drawing and to the satisfaction of engineer .

ITEM NO.	DESCRIPTION OF ITEM	DESCRIPTION OF ITEM TO BE READ AS
6	SUPPLYING & INSTALLATION OF PREMOULDED JOINT FILLER OF APPROVED MAKE IN BETWEEN EQUIPMENT FOUNDATIONS, MAT FOUNDATIONS, PILE CAPS, WALLS, BASEMENT SLABS ETC. COMPLETE INCLUDING LABOUR, EQUIPMENT AND MATERIALS, SEALING OF JOINTS INCLUDING COST OF SEALING COMPOUND (POLYSULFIDE BASE SEALANT AS PER IS:12118) ETC. COMPLETE AS PER SPECIFICATIONS AND DRAWINGS OR AS DIRECTED BY ENGINEER FOR THE FOLLOWING:	SUPPLYING & INSTALLATION OF PREMOULDED JOINT FILLER OF APPROVED MAKE IN BETWEEN EQUIPMENT FOUNDATIONS, MAT FOUNDATIONS, PILE CAPS, WALLS, BASEMENT SLABS ETC. COMPLETE INCLUDING LABOUR, EQUIPMENT AND MATERIALS, SEALING OF JOINTS INCLUDING COST OF SEALING COMPOUND (POLYSULFIDE BASE SEALANT AS PER IS:12118) ETC. COMPLETE AS PER SPECIFICATIONS AND DRAWINGS OR AS DIRECTED BY ENGINEER FOR THE FOLLOWING: <u>(Depth of the joint considered as 500 mm.)</u>
9.1	Providing and fixing 40mm thick solid core flush door shutters (single or double) with commercial faces and hard board edges. Core of solid core doors shall be of block board or wood particle board of approved make including all fixtures, Godrej make Mortice lock with 3 no keys and 2No master keys for each building with handle on both sides, shop painting/polishing as per specification all complete including test certificates.Flush door shutters to be of decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters including ISI marked Stainless Steel butt hinges with necessary screws, including cost of all materials and T&P required for proper completion of work.	Providing and fixing 40mm thick solid core flush door shutters (single or double) with commercial faces and hard board edges. Core of solid core doors shall be of block board or wood particle board of approved make including all fixtures, Godrej make Mortice lock with 3 no keys and 2No master keys for each building with handle on both sides, shop painting/polishing as per specification all complete including test certificates.Flush door shutters to be of decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters including ISI marked Stainless Steel butt hinges with necessary screws, including cost of all materials and T&P required for proper completion of work. <u>(Rate to include cost towards aluminium tower bolts and door stoppers)</u>

ITEM NO.	DESCRIPTION OF ITEM	DESCRIPTION OF ITEM TO BE READ AS
12.4	Providing 15mm thick neat plaster in drains/culverts as per specification.	Providing 15mm thick neat plaster in <u>cement mortar 1:4 (1 cement:4 fine sand)</u> in drains/culverts as per specification.
15.1	Providing and fixing PVC(heavy duty) rain water drainage system and down commers of size <u>140mm-160mm</u> of approved colour and make including all couplers,end caps,tee, elbow with outlets, clamps,brackets,clips,rubber gaskets, lock, specials, bends, shoe, heads and necessary accessories etc complete as per specifications and as directed by engineer.	Providing and fixing PVC(heavy duty) rain water drainage system and down commers of size <u>160mm</u> of approved colour and make including all couplers,end caps,tee, elbow with outlets, clamps,brackets,clips,rubber gaskets, lock, specials, bends, shoe, heads and necessary accessories etc complete as per specifications and as directed by engineer.
18.4	White Vitreous China Wash Basin (PARRYWARE, HINDUSTAN or approved equivalent make) of size 630x450 with CS/MS brackets, <u>15mm</u> C.P. brass Waste of standard pattern, including painting of fittings and brackets, with single 15m C.P. Brass Pillar Cock.	White Vitreous China Wash Basin (PARRYWARE, HINDUSTAN or approved equivalent make) of size 630x450 with CS/MS brackets, <u>32mm</u> C.P. brass Waste of standard pattern, including painting of fittings and brackets, with single 15m C.P. Brass Pillar Cock.
18.7	Providing & fixing Mirror of superior size with bevelled edge with 6mm thick hard board back fixed to wall with wooden cleats and C.P. brass screws & washers complete.	Providing & fixing Mirror of superior <u>quality</u> and size <u>600mmx450mm</u> with bevelled edge with 6mm thick hard board back fixed to wall with wooden cleats and C.P. brass screws & washers complete.
18.9	Providing & fixing CI Water or Vent pipe <u>110 mm</u> internal dia.	Providing & fixing CI Water or Vent pipe <u>100 mm</u> internal dia.
18.12	Providing & fixing Cutting <u>chases</u> in brick masonry or R.C.C. for 100/75mm dia sand cast iron pipes and making good the same with cement concrete1:3:6 cement, coarse sand and 12.5mm nominal size grit and plastering the surface with 1:4 mortar.	Providing & fixing Cutting <u>holes</u> in brick masonry or R.C.C. for 100/75mm dia sand cast iron pipes and making good the same with cement concrete1:3:6 cement, coarse sand and 12.5mm nominal size grit and plastering the surface with 1:4 mortar.
19.16.01	110 mm dia nominal bore	100 mm dia nominal bore
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