



**PRICE BID FORMAT**

<b><u>Sl. No.</u></b>	<b><u>Description of work</u></b>	<b><u>Unit</u></b>	<b><u>Quantity</u></b>	<b><u>Percentage allocation</u></b>
1	Demolition of masonry and concrete including minor wood works and minor steel works (like steel reinforcement bars, door and windows frames etc.) either manually or by mechanical means including sorting and stacking serviceable material to the identified store and disposal of debris to the identified bins inside the factory premises including the cost of all materials, transportation and labour.	Cum	5.00	0.3805
2	Dismantling of steel structures in built up sections in MS angles, tees, flats, channels etc. including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking to the identified bins inside the factory premises including the cost of all labour, transportation and materials.	Kg	1000.00	0.2148
3	Earthwork excavation either by manual or mechanical means for the construction of foundation of buildings structure or machine foundations etc. including getting out and disposal of excavated earth to the identified bins inside factory premises including the cost of all materials, labour and transportation.	Cum	13.50	0.1271
4	Providing and fixing in position MS steel doors by fabricating shutter using 1mm thick MS sheets in the framework of ISA 40x40x6 and fixing it in a door frame of ISA 40x40x6, including fixing door frame to the structure including Gusset plates, all necessary fittings and applying on coat of metal primer complete.	Sqm	18.00	4.1261
5	Fabrication of structural steel in tubular structure (round, square, rectangular hollow tubes) including cutting, hoisting, fixing in position and applying priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	Kg	1200.60	8.0391
6	Providing and fixing in position MS hand rails in tubular section of approved size by welding etc. to steel staircase and ladder railings, balcony railings, and similar works, including applying priming coat of approved steel primer.	Kg	510.00	3.9307
7	Fabrication of structural steel in IS standard sections for built up structures like columns, beams, trusses, purlins etc. including cutting, hoisting, fixing in position and applying priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	Kg	114.72	0.6043
8	Providing and laying in position PCC 1:4:8 using 40mm and downsize coarse aggregate including the cost of all materials	Cum	15.60	4.6754



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**TENDER  
DOCUMENT  
(PART – B)**

	and labour, curing etc. complete for foundation and all sub-surface works. Machine Mixed as per specification as mentioned in Price bid format.			
9	Providing and laying plain cement concrete M20 grade in flooring, cill and copings using coarse graded aggregate 20mm and down size, compacted with wooden or cast iron rammers including necessary shuttering. If reinforcement is to be provided as per the GFC drawings, the same will be paid under relevant items. Including cost of all materials, labor, equipment etc. complete.	Cum	2.00	0.70284
10	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work for all types of structures, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately.	Cum	36.85	15.25545
11	Supplying, straightening, cutting, bending, placing in position High Yield Strength (TMT Bars) confirming to IS 1786 of Fe 500 Grade reinforcement bars of all diameters to RCC work and binding with 18 SWG black annealed binding wire (double fold) etc., all complete as per drawings and specifications. The rate shall include cost of materials, cost of binding wire, PVC cover blocks as specified, labour, loading and unloading, transportation, scaffolding and all other incidental charges etc., with all leads and lifts, complete and as directed by the Engineer-in-charge at all levels. Lapping, chairs and Spacers, Binding Wire will not be measured and Paid separately. <b>TMT Steel will be provided by BHEL as free issue.</b>	Kg	2519.50	3.02500
12	Providing and laying autoclaved aerated cement blocks masonry with 100mm/150mm/200mm thick AAC blocks in super structure above plinth level up to floor 5 level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for separately).	Cum	12.30	4.22588
13	Plastering exterior surfaces of walls, with plaster thickness of 20mm thick in cm1:4, with sponge/rough finish at all heights and levels including racking joints, hacking, preparation of surface, scaffolding, forming grooves wherever necessary & curing etc. The rate to include the provision of chicken mesh at junctions with RCC columns/beams and lapping of mesh should not be less than 75mm. The rate shall be inclusive of adding integral waterproofing compound of approved manufacturers	Sqm	51.00	0.96428



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**TENDER  
DOCUMENT  
(PART – B)**

	2% by weight of the cement for both the base coat and the finishing coat.			
14	Plastering interior surfaces of walls with CM 1:4, 15 mm thick, finished smooth with a thin coat of cement rendering at all heights and levels including racking hacking, preparation of surface, scaffolding, forming grooves wherever necessary curing etc. The rate to include the provision of chicken mesh at junctions with RCC columns/beams and lapping of mesh should not be less than 75mm.	Sqm	182.50	3.48889
15	Providing and applying white cement based putty of 3 coats average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete, including cost of all labor, materials, tools, scaffolding etc. complete.	Sqm	316.25	1.88520
16	Providing and applying to walls and ceilings, two coats of acrylic emulsion paint including one under coat of ASIAN PAINTS make, including cost of all materials, touch-putty labor, scaffolding etc. complete.	Sqm	316.25	2.39347
17	Providing and applying two coats of external weather shield emulsion paint of ASIAN PAINTS make over a coat of primer including preparation of surface, touch putty, scaffolding, etc. complete at all heights levels and elevations. The surface should be thoroughly cleaned before painting. The cost includes cost of all materials, labor, tools, scaffolding etc. complete.	Sqm	475.75	4.05621
18	Distemping with distemper of ASIAN TRACTOR DISTAMPER brand (two or more coats) of required shade on new / old work, over and including water thinnable priming coat to give an even shade, including touchup putty. ( <i>Estimated Quantity = 2572.5sqm.</i> )	Sqm	2572.50	15.6805
19	Painting with synthetic enamel paint of ASIAN brand and manufacture to give an even shade to masonry, metal or wooden surfaces.	Sqm	730.00	4.5933
20	Providing Super Skilled Workmen (Mason / Welder / Carpenter etc.) on man-days basis. Wages to be paid as per Minimum wages declared by Karnataka State Government.	Mandays	120.00	8.8449
21	Providing Semi-Skilled Workmen (Helper to Mason / Welder / Carpenter and other support staff etc.) on man-days basis. Wage to be paid as per Minimum wages declared by Karnataka State Government.	Mandays	120.00	7.4578
22	Providing and fixing pre-coated Galvalume iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm. as per IS: 277, in 550 MPa steel grade, 5-7 microns' epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 meter or as desired by Engineer -in- charge. The sheet shall be fixed using self-drilling /self-tapping screws of size (5.5x55 mm)	Sqm	105.00	3.4110



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	with SBDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.			
23	Dismantling roofing sheets including ridges, hips, valleys and gutters etc., and stacking the material within 500 meters lead of PPGL Sheets, Curve Sheets, Ridge etc. - 0.5mm thickness.	Sqm	40.00	0.2524
24	Re-fixing above dismantled roofing sheets and accessories including ridges, hips, valleys and gutters etc., back in its original position including the coat of all materials, SDS Screws including washers, fixing charges, safety tools and tackles etc complete.	Sqm	40.00	0.2524
25	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia. 3 mm including strengthening with 2 mm dia. wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.	Sqm	30.00	1.4126
	Total Quoted Amount for the Work			
	GST- %age			
	GST - Value			
	Grand Total			

**Final Cost in Words.....**

**Sign & Seal of Bidder**