

Date :

Tender Number : 6300040679

EMD : Rs 60,000/-

Period: 3 Months

BEML LIMITED, BANGALORE COMPLEX

Sub: Providing New Machine Foundations for Robotic Welding Machine-1 & Machine-2 at ICF & Boggie Frame Hanger, Bangalore Complex, Bangalore.

BOQ (Bill of Quantity)

Sl. No	Description	Unit	Qty.	Rate (Rs)	Amount in Rs.	Remark
1	<u>Groove Cutting;</u> Cutting through the existing Hardstanding concrete upto 300mm depth approximately by using a suitable cutting machine and trimming the edges of concrete surface and disposal of unusable materials or debris outside the site premises to a distance not exceeding 5.0 KM not objected by local civic authorities including lead ,lift etc,complete all as specified and directed by Engineer in charge. Note: The dismantled materials shall be removed immediately from the premises without disturbing the regular production activities .	RMT	160.00			
2	<u>Dismantling the existing hardstanding concrete</u> Dismantling the existing hardstanding concrete floor of any description and in any position etc complete. Disposal of unusable materials /debris outside the site premises to a distance not exceeding 5.0 KM not objected by local civic authorities including lead, lift incomplete all as specified and directed by Engineer in Charge. Note: 1) The dismantled materials shall be removed immediately from the premises without disturbing the regular production activities. 2) The rate quoted for the item shall deemed to include for providing and removal of scaffolding/staging wherever necessary."	Cum	85.00			

3	<u>Earthwork excavation</u> Earthwork excavation by mechanical/ manual means in foundation trenches, pits not exceeding 1.50m in depth in all kinds of soil including getting out the excavated earth, dressing of sides, dewatering ground water/ rain water if any, compaction including disposal of debris/unserviceable surplus earth outside the site premises to a distance not exceeding 5.0KM not objected by local civic authorities including lead, lift etc., complete all as specified and directed by Engineer in Charge.	Cum	275.00			
4	<u>Plain Cement Concrete (1:3:6)</u> Providing and laying PCC 1:3:6 Providing and laying Plain Cement Concrete of mix proportion 1:3:6 average 100/150mm thick using 20mm/12.5mm graded granite aggregates as a screed concrete over roof slab/chajja/other similar works, laid to a proper slope & gradient, well compacted, mechanical/manual mixing including finishing the surface neat & even by using extra cement by plastering, necessary curing etc., complete all as specified and directed by the Engineer in charge.	Cum	45.00			
5	<u>TMT Reinforcement Bars- Fe550D</u> Providing and laying TMT reinforcement bars Providing and removal of scaffolding/staging wherever necessary. (b) Reinforcement will be measured based on actual quantity placed in position on standard weight basis, no allowance will be made for rolling margin. c) Only authorized laps, chairs and spacers shall be measured and paid. d) The contractor shall arrange for testing of TMT bars for physical properties from an authorized agencies as per the relevant IS code. The test reports shall be submitted for our records. e) The TMT bars required shall be procured from the reputed manufacturers confirming to relevant IS specification.	KGS	6500.00			

6	<u>Reinforced Cement Concrete-M25 Grade</u> Providing and laying in position Reinforced Cement Concrete of mix proportion of flexural strength 25 kg/per square centimetre in field using 250 kg of cement per cubic metre using 20mm downgraded granite aggregate for foundation bed, raft beams, plinth beams, RCC walls, columns, pocket holes etc., complete including curing, Vibrating, compacting, finishing, dewatering wherever necessary and including cost of all materials,labour, lead, lift, tools, plant & machinery, hire & fuel charges and all other incidental charges etc., complete all as specified and directed by Engineer in charge. Note:a) Pocket holes to be provided at floor level for fixing foundation bolts where ever required. The rate shall deemed to include for shuttering work for pocket holes. b) Reinforcement shall be measured and paid separately under relevant item.c) For the purpose of concrete, RMC of reputed agencies like Ramco/Dalmia/ACC/ Birla/Ultra tech can be used. d) The contractor has to cast the cubes periodically as per the IS Standard and to conduct test for both 7 days & 28 days and to submit test report. Frequency of test shall be as per the IS Standard and the quoted rates shall deemed to include for the cost of testing. e) The rate quoted by the Contractor for the item is deemed to include for providing and removal of form work/centering/shuttering wherever necessary.	Cum	150.00			
7	<u>Soling of 150mm</u> Supplying and laying soling of 150mm compacted thickness below floor/foundation with good broken boulders/ soling or quarried stones of 100 to 150mm size laid in layers,well packed to the correct line & level, interstices filled with stone chips, sand or moorum and consolidated including transportation, etc., complete all as specified and as directed by Engineer in	Sqm	410.00			

	charge. Note: For payment consolidated thickness shall be considered.					
8	<u>Formwork</u> Formwork to sides of concrete foundations, footings, bases of columns, raft and raft beams,sides and soffits (if any) of foundation and plinth beams;and similar work; vertical or to batter	Sqm	50.00			
9	<u>Ancillary Works</u> Fixing Charges for MS J Bolts by properly housing the bolt in the template and providing proper protection for J bolt thread, MS Foundation Plate supplied by BEML to be fixed properly to avoid misalignment during the concrete pouring. Labour charges towards shifting the MS templates from shop floor to site is included.	Kgs	100.00			
10	<u>Wall Demolition (Partition)</u> Dismantling of the existing brick masonry walls of any description and carting away the debris outside the premises to place not objected by the local civic authorities including all lead, lift, tolls, labour etc complete all as specified and directed by Engineer in charge.	Cum	25.00			
		Total value of work excluding GST in Rs				
		GST 18%				
		Total work of incl. of GST in Rs.				
Note:- 1) The rate quoted for the above items is deemed to include for providing and removal of scaffolding/staging wherever necessary 2) The contractors/ prospective bidders shall visit the site and acquaint themselves with the site conditions before submission of bid/ quote. 3) The contractor to note that the dismantled materials should be removed and shifted immediately from the site premises without disturbing the regular activities in the area and the rate is deemed to include for the same. 4) The work has to be carried out on a day to day basis by the contractor under the supervision of						

Total Amount in words Rupees.....

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Authorised Signature

Signature of the Contractor with seal