

BEML LIMITED, BANGALORE		
Tender Ref:6300038633		Date: 04.12.2023
ISSUED TO:	Period of contract:	02 Months
	EMD Rs. :	Rs. 3,300/-
Sub: Proposed Civil foundation works for installation of 200Ton CNC Synchro Press Brake Machine and 2.5 Ton Jib Crane, at BEML Ltd, Bangalore Complex, Bangalore-75.		
<u>SCHEDULE 'A' - BILL OF QUANTITIES</u>		

Sl. No	Description	Unit	Qty	Rate/unit in fig. & in words Rs.	Amount (Rs)
1	Demolition/dismantling the existing Plain cement concrete flooring/hard standing concrete in any description and in any position not otherwise specifically provided for stacking of serviceable materials and disposal of debris out side the premises to a distance exceeding 1.5km & not exceeding 5km from the premises which is not objected by local civic authorities 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 and the quoted rate is deemed to include for all lead & lift etc.	Cu.M	2.00		
2	Demolition/dismantling the existing Reinforced cement concrete flooring/hard standing concrete in any description and in any position not otherwise specifically provided for stacking of serviceable materials and disposal of debris out side the premises to a distance exceeding 1.5km & not exceeding 5km from the premises which is not objected by local civic authorities etc., complete all as specified and directed by Engineer in charge. Note: The dismantled materials should be removed immediately from the premises without disturbing the regular production activities and the quoted rate is deemed to include for all lead & lift etc.	Cu.M	2.00		
3	Earth work excavaion by mechanical means/manual means in foundation trenches not exceeding 1.5 Mts in width & not exceeding 1.5 mts depth in all kinds of soil but excluding hard rock for foundations/ pits including getting out the excavated earth and disposal of debris out side the premises to a distance exceeding 1.5km & not exceeding 5km, disposal of surplus excavated soil as directed which is not objected by local civic authorities including lead, lift, including dressing of sides, dewatering ground water/rain water, compaction etc.,complete all as specified and as directed by Engineer in charge.	Cu.M	4.00		
4	Providing and laying in Position Plain Cement Concrete M7.5 grade 1:4:8 using 40mm graded down size granite aggregate, machine mixed, well compacted for foundation bed, under floors and other similar works including curing etc.,complete all as specified and as directed by Engineer in charge. Note: The rate quoted for the item is deemed to include for providing and removal of form work/centering/shuttering wherever necessary.	Cu.M	2.00		
5	Providing, and laying in position Reinforced Cement Concrete M20 grade 1:1.5:3, using 20mm graded down size granite aggregate machine mixed for Mat Foundation, RCC Pedestals,etc complete including curing, vibrating, compacting, finishing,dewatering wherever necessary including lead, lift etc., complete all as specified and directed by Engineer in charge. Note: a) Reinforcement shall be measured and paid separately under relevant item. b) The rate quoted for the item is deemed to include for providing and removal of form work/centering/shuttering wherever necessary. c) The contractor to make arrangements for testing of Concrete Cubes at reputed laboratory as per IS & submit the test certificate at his own cost and expense as required by Engineer-in-charge.	Cu.M	8.00		

Sl. No	Description	Unit	Qty	Rate/unit in fig. & in words Rs.	Amount (Rs)
6	Providing & laying in position Fe 500 grade TMT bars in reinforcement conforming to relevant IS in various diameters, locations & levels, cut to length and bent to shape required, binding spirally with MS wire (annealed) of size not less than 0.9 mm dia including all lead, lift, etc., complete all as specified and directed by Engineer in charge. NOTE: a) The rate quoted for the item is deemed to include for cement mortar cover blocks as per the requirement at site and 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 to make arrangements for testing of TMT Bars at reputed laboratory as per IS & submit the test certificate at his own cost and expense as required by Engineer-in-charge.	Kgs.	250.00		
7	Providing Rendering/Plastering 15mm thick in Cement Mortar 1:4 for brick /cement concrete surfaces, finishing the surface smooth and even including racking joints, hacking the concrete surfaces as required at site and curing, tools & tackles etc complete all as specified and directed by Engineer in charge.	Sq.M	20.00		
8	Supplying, fabricating, hoisting and erecting in position MS Plates fixing to correct line & level including cutting, welding, bending to required shape, shims & packing pieces as required for levelling of the work, etc., complete all as specified and as directed by engineer in charge. Note: The rate quoted for the item is deemed to include for welding machine, welding rods, gas, consumables etc.	Kgs.	100.00		
9	Supplying ,fixing in position 20mm diameter M20 MS hexagonal foundation bolts of required length including threading of required length, welding, drilling/fixing MS bolts over the pedestal reinforcement bars for proper alignment & center line, to maintain desired level surface including necessary hardware items viz., nuts, washers of required size and diameter to the correct line and level etc., complete all as specified and directed by Engineer in charge.	Kgs.	40.00		
	Total value of work excluding GST (Rs).				
	GST (Rs).				
	Total value of work inclusive of GST (Rs)				

(Total Amount in words Rupees.....
.....)

Signature of the Contractor with seal