

Tender No.

TMC/ACTREC/ENGG/PG-80/ET-15/Corridor_Repair/2021

03/06/2021

Sub : Repair and rehabilitation of corridor on 1st floor in CRI building at ACTREC, Kharghar, Navi Mumbai - 410210

Schedule of Quantities.

Name of Agency							
FINANCIAL BID							
Sr.No.	Item Code	Description	HSN/SAC code	Qty.	Unit	Rate	Amount
1	1	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to second story height made with 40mm dia. M.S. tube 1.5 m centre to centre horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.		127.2	Sqm		-
2	2	Providing and erecting the Safety nylon net of opening 75mm*75mm*12mm size in addition to sturdy GI corrugated sheet, ply covering above sheet on scaffold frame at 1st floor level to prevent the debris from falling on ground during progress of work and keeping the same during the period of work as directed by Engineer incharge. Coverage area will be considered		52.5	Sqm		-
3	3	Removing and cleaning of existing concrete carefully by low impact high frequency hammer or by manual chiseling including cleaning the surface by air jet etc. and carting away the debris outside ACTREC premises as directed by Engineer incharge		25.5	Cum		-
4	4	Making up of lost steel area due to corrosion by providing additional steel reinforcement. The Steel shall conform to IS 1786 grade Fe 500. Anchor the steel to rebar in sound concrete body upto desired depth by structural grade adhesive. Fixing of rebars is to be with new binding wires and with existing steel at regular grid after aligning concrete profile fresh concrete up to existing steel face as directed by Engineer incharge.		450	Kg		-
5	5	Anchoring reinforcement bar in existing RCC member in holes of minimum 200mm depth for 8 to 12mm dia bars and grouting in position with lokfix E75 (fosroc), including drilling holes, cleaning etc. complete as directed by Engineer incharge. Excluding cost of reinforcement bar but including cost of adhesive.		350	Nos		-
6	6	Clean existing reinforcement with wire brush, making the surface free from loose material dirt etc. complete, applying two coats of alkaline rust converting primer-FEOVERT conforming to ASTM-B-117 , on the rebars, including cleaning the reinforcement, wire brushing to remove loose rust spalls, with time interval of 1 hour between the coats, Anticorrosive Treatment to Reinforcement by IPNET RB Application of two coats of IPNET RB on exposed reinforcement in two coats with time interval of minimum 4 hours between each coat. The application shall be by brush, Providing and applying structural grade epoxy latex bond coat of ELMONOBOND prior to building up of section with any type of mortar/concrete to ensure bond between old concrete & new concrete by brush application as per the manufacturer's specification and as directed by Engineer Incharge. The measurement of surface area of reinforcement will be considered.		15	Sqm		-
7	7	External plaster : Providing and laying sand face ready mix plaster of Kohinoor/Wallplast on external walls in two coats (15mm +10mm thick), including breaking and removing old plaster, applying new plaster all including labour,material and machinery complete as per the direction of Engineer incharge.		220.5	Sqm		-
8	8	External painting : Providing and applying two coats of One coat primer, one coat waterproof base coat & two coat Elastomeric paint of (Asian/Berger/Dr Fixit/ICI Dulux) to entire external surface including scrapping the surface to remove all loosely adhered particles followed by washing with water and ysing wire brush for thorough cleaning. Opening up all visible cracks in plaster, in a V-groove fashion using electric cutter machine and filling up with paste cement and polymer in ratio 1:1. Finish the same so as to ensure that the filled cracks matches the level of the plaster as directed by Engineer incharge.		370.5	Sqm		-
9	9	Providing and laying in position ready mixed M-25 grade concrete for reinforced cement concrete work, cement content as per approved design mix, and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work, including pumping of R.M.C. from transit mixer to site of laying, including the cost of centering, shuttering (including circular shuttering) , finishing, including cost of 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 the Engineer - in - charge. Work at all levels.		12.74	Cum		-
10	10	CERAMIC TILES FLOORING: Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.		31.5	Sqm		-
11	11	Providing and Applying and Levelling the existing surface with Birla White Cement based / Coloured waterproof Putti of average thickness of 2-3 mm of approved thickness, brand and manufacture, over the plastered wall surface to prepare the surface even and smooth ready for painting purpose etc complete (Rate inclusive of Scaffolding Material, Labour Charges) Etc.		370.5	Sqm		-

12	12	Excavation in foundation / trenches / pits drains etc. in all soils upto a required depth upto 2.5 mtrs. Including shoring and dewatering if necessary and refilling around foundation plinth and drain line with selected excavation earth in layers Not exceeding 250mm consolidating and disposing surplus earth out of hospital premises complete all as directed by the Engineer-in-Charge.		37.5	Cum		-
13	13	SOLING: Providing & laying rubble stone soling using spotless stones below floors roads/pavements etc. mechanically / manually consolidated thickness as specified below with stones vertically handset interstices packed with smaller stone chips, binding with murrum & sprinkling water for proper consolidating and finishing to required levels in quantities as and when required etc. complete all as directed by the Engineer-in-Charge. - 250mm Thick		12.5	Sqm		-
14	14	Plain cement concrete using graded stone aggregate of 20mm / 40mm max. size including consolidation using vibrator & needle if required finishing, curing, form work shuttering, centering etc. complete all as per specification and in quantity as & when required by the Engineer-in-Charge, M 15 grade		1.152	Cum		-
15	15	Providing and Fixing of reinforcement steel including material fabricating, transporting, loading, unloading, storing on raised steel rack platform, handling, straightening, cutting to length, bending, making hooked ends, hoisting into place at all levels and heights and binding in position (including Providing & using 18 gauge binding wire) reinforcement bars of all diameters (IS 1786 ,Fe 500 of all grade) to shape and size as per approved bar bending schedules and structural drgs. for all kinds of works at all heights & depths as specified including cost of approved quality PVC/Concrete cover blocks, spacers, chairs at regular interval as per relevant IS code and such other works that are required to make it complete. Quantity of steel as per drawing, approved BBS and with authorized overlaps only shall be measured and paid for. Quantity for chairs and spacer bars will not be paid. The measurement shall be as per IS 1200 and reinforcement hooks and bends shall comply with the requirement of IS 2502 unless clearly specified above.		448	Kg		-
16	16	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and paint of approved colour, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including fixing of baseplate, anchoring, welding etc as per the instruction of Engineer incharge.		384	Kg		-
Total Cost inclusive of All Taxes and duties excluding GST							-
GST @ 18% for the project							-
Total Cost inclusive of All Taxes and duties							-

NOTE:

- 1 The agency is requested to visit the site to know actual scope of work.
- 2 Rate shall be quoted inclusive of all taxes Excluding GST which will be paid extra as applicable on submission of challan. FOR TMC/ACTREC applicable rate of GST is 18%. Agency has to consider GST at rate specified.
- 3 Material required at site should be assessed by the agency and bill will not be settled for excess/supplied items.
- 4 Bill will be settled as per actual measurement after supply of material at site.
- 5 Deviations/suggestions may be put on separate page in order to attain higher quality performance. Competent authority reserves full right to accept or reject any kind of changes.
- 6 Agency will have to prepare detailed drawing/ plan of work & obtained approval before execution. Agency will have time bound work schedule for carrying out the work.
- 7 Payment will be released for consumed quantity on satisfactory completion on providing necessary certifications/documentation.
- 8 All above items of this schedule shall have standard make as specified in Tender and approved before installation.
- 9 Agency has to get a sample approved from Engineer-in-charge in writing before any supply of item.
- 10 ACTREC reserves the right to reject any sample and rescind the work order if the samples are found to be unsatisfactory and if the agency is unable to meet the requirement of ACTREC.