

<b><u>CIVIL BOQ FOR THE PROPOSED STAGE FOR FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY ( FISAT) AT MOOKKANOOR</u></b>					
<b>DATE : 18-08-2023</b>					
<b>Sl. No</b>	<b>Description of items of work</b>	<b>Approx. Qty</b>	<b>Unit</b>	<b>Rate in Rs.</b>	<b>Amount in Rs.</b>
1	<b>Clearing and levelling</b> the site and uprooting of all types of vegetation including trees, removal of all types of rubbish and dumping it outside the site boundary without any disturbance and spillage in the neighbourhood including cost and conveyance of labour charges for the removal of all rubbish and cleaning the site etc. complete.		L.S		
2	Earth work excavation in ordinary or hard soil including bailing / pumping out water if necessary and depositing the excavated earth on the banks or back filling or filling the excavated earth at low laying areas as per Owner / Architects direction with all leads and lifts including necessary shoring struts, breaking clods, watering, ramming sectioning of spoil bank etc. complete for foundation, plinth beams,tanks etc. below ground level.	308	m3		
3	Providing Antitermite treatment to bottom and sides of the trenches including treating the backfill under floors and other locations as specified in IS-6313 part II for pre construction treatment using Chloropyriphos emulsifiable concentration & Imidacloprid including cost and conveyance of all materials, all hire all labour etc. complete.	324	m2		
4	Plain cement concrete (PCC) 1:4:8 using 40mm nominal size hard broken granite stones for <b>foundation bed</b> , as base course etc. wherever required including cost, conveyance and unloading of all materials, all labour, watering, curing etc complete, excluding cost of cement.	34	m3		
5	Vibrated RCC M25 mix using 20mm and down grade hard broken granite stones machine mixed for <b>foundation</b> as per structural drawing including cost, conveyance and unloading of all materials, form work, all labour, watering, curing etc complete, excluding cost of cement , steel and labour for reinforcement works.				
a	Strip Footing	30	m3		
b	Strip Beam	5			
c	Retaining wall ( Strip footing area )	19	m3		
d	Footing	8	m3		
e	Plinth beam	7	m3		
f	Grade Slab	28	m3		

6	Vibrated R.C.C M25 mix using 20mm and down grade hard broken granite stones for all <b>columns</b> etc as per the structural drawing including cost, conveyance and unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc.complete, excluding cost of cemen,steel and labour for reinforcement works.	24	m3		
7	Vibrated RCC M25 mix using 20mm and down grade hard broken granite stones machine mixed for <b>beams and lintel Beams</b> as per relevant Structural & Architectural design and drawings including cost, conveyance and unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc complete,excluding cost of cement,steel and labour for reinforcement works.	10	m3		
8	Vibrated R.C.C M25 mix using 20mm and down grade hard broken granite stones machine mixed for <b>roof slabs, sunshades, ordinary or folded staircase slabs</b> etc. as per relevant Structural and Architectural design and drawings including cost, conveyance & unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc. complete, excluding cost of cement,steel and labour for reinforcement works.	17	m3		
9	R.C.C M25 mix using 20mm and down grade hard broken granite stones machine mixed for <b>drop slabs, eve boards</b> etc. as per relevant Structural and Architectural design and drawings including cost, conveyance & unloading of all materials, all labour, form works and scaffolding charges, watering, curing etc.excluding cost of cement,steel and labour for reinforcement works.	2	m3		
10	Fabricating, handling, straightening, cutting, bending, binding and placing in position M.S. or TOR reinforcement in all R.C.C items of works at all levels including cost of 18 gauge binding wire and cover blocks etc. complete for mild steel and TOR steel,	18.5	T		
11	Solid Block masonry work using best quality concrete blocks of nominal size 30x15x <b>20cm</b> or nearest size in C.M 1:4, and pointing the masonry work including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc complete , excluding cost of cement.	90	m3		
12	Solid Block masonry work using best quality concrete blocks of nominal size 30x15x <b>10cm</b> or nearest size in C.M 1:4 and pointing the masonry work including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc complete, excluding cost of cement.	10	m2		

13	Cement concrete solid block masonry in C.M 1:4 with solid blocks of nominal size 30x15x20cm for walls <b>below plinth level</b> including cost and conveyance of all materials for manufacturing solid blocks, labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.	16	m3		
14	Plastering with C.M 1:3, 9mm thick one coat floated hard and trowelled smooth to the <b>underside of slabs and exposed beams</b> including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.	74	m2		
15	Plastering with C.M 1:4, 12mm thick one coat floated hard and trowelled smooth to the <b>internal walls</b> including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.	273	m2		
16	Plastering with C.M 1:4, 12mm thick mixed with water proofing compound 2% by weight of cement (ROFFE REPAIR BOND or equivalent) one coat floated hard and trowelled smooth to the <b>external walls</b> including cost, conveyance and unloading of all materials, all labour charges, scaffolding charges, watering, curing etc. complete, excluding cost of cement.	1007	m2		
17	Fixing <b>Fiber wire mesh or chicken wire mesh</b> of standard gauge and 20cm wide to cover masonry and R.C.C joints before plastering so as to cover the joints by 10cm on both sides in single fold or as required for internal and external surfaces including cost and conveyance of all materials, labour charges etc. complete for all floors.	486	RM		
18	Screeding concrete using M20 mix using 6mm nominal size hard broken granite stones of required thick laid to slope towards spout as per the direction of site engineer for <b>roof slabs</b> including cost, conveyance and unloading of all materials, all labour charges, watering, curing etc complete, excluding cost of cement.	101	m2		
19	Roof top plastering above the screeding concrete with CM 1:3, 9mm thick with approved weather proof course as per the direction of the owner / site engineer including the cost, conveyance of all materials, labour charges etc. complete, excluding cost of cement.	101	m2		

20	Providing waterproofing for toilet slabs/ Roof Slab wherever required using Brushbond method (Fosroc / Roffee) within a minimum Guarantee period of 10 years. Including cost of all application as per manufacture's specification including pressure grouting if necessary, treatment to continue along the vertical wall for 300mm height for toilet in shape of round at the junction. The cost also includes checking by ponding for 72 hours. No additional measurements will be accounted for the wall treatment including cost and conveyance of all materials, labour, cleaning the surface, removal of dust before application, sealing the pipe joints, watering, curing etc. complete, excluding cost of cement.	101	m2		
21	Supplying and filling red earth filling in basement to required level and line including breaking of clods, ramming, consolidating, watering etc. complete.	427	m3		
22	Flooring with cement concrete 1:4:8 using 40mm nominal size hard broken granite stones including cost, conveyance and unloading of all materials, all labour, watering, curing etc complete excluding cost of cement.	48	m3		
23	<b>Paving with anti skid ceramic tiles for toilet floors with 3 to 4mm spacer</b> over a bed of 18mm thick cement mortar 1:4 adding necessary pure cement grout for a proper binding of the tile to mortar including pointing the joints and closing the voids with <b>Epoxy filler</b> of matching colour, rubbing & cleaning to smooth finish, acid finishing etc. complete excluding cost of cement , Epoxy filler for all floors.( Tiles to be Supplied by the Owner )	7	m2		
24	<b>Dadoing with coloured glazed designer tiles</b> of approved size, colour, shade and 3 to 4mm spacer as per Architect's detailed design over rough plastered surfaces, adding necessary cement grout for proper binding of the tiles to mortar including pointing the joints and closing the voids with <b>Epoxy filler</b> of matching colour, rubbing and cleaning to smooth finish including cost, conveyance and unloading of all materials, all labour charges etc. complete, excluding cost of cement, Epoxy filler for all floors. Toilet walls - upto 215cm height.( Tiles to be Supplied by the Owner )	28	m2		

25	<b>Paving with first quality vitrified tiles</b> of approved size, plain colour , shade and 3 to 4mm spacer for <b>Room, passage</b> etc. including 100mm skirting over peripheral walls as per Architect's detailed design over a bed of 12mm thick CM 1:4, adding necessary cement grout for proper binding of tiles to mortar including pointing the joints and closing the voids with <b>Apoxy filler</b> of matching colour, rubbing cleaning to smooth finish, acid washing etc. including cost, conveyance and unloading of all materials, all labour charges etc. complete, excluding cost of cement , Epoxy filler for all floors.( Tiles to be Supplied by the Owner )	88	m2		
26	<b>Paving with Flamed Granite</b> of approved size, plain colour , for <b>Ramp, Steps</b> etc. including 100mm skirting over peripheral walls as per Architect's detailed design over a bed of 20mm thick CM 1:4, adding necessary cement grout for proper binding of tiles to mortar including pointing the joints and closing the voids with cement of matching colour, rubbing cleaning to smooth finish, acid washing etc. including cost, conveyance and unloading of all materials, all labour charges etc. complete, excluding cost of cement , for all floors.(Garintes to be Supplied by the Owner )	188	m2		
27	Paving with <b>Kota Stone</b> of approved size, colour and shade for <b>Stage</b> as per Architect's detailed design over a bed of 20cm thick CM 1:4, adding necessary cement grout for proper binding of the tiles top mortar including pointing the joints and closing the voids with cement of matching colour, rubbing and cleaning to smooth finish acid washing etc. complete, excluding cost of cement.( Kota Stone to be Supplied by the Owner )	240	m2		
28	Paving with <b>Granite</b> of approved size, colour and shade for <b>Stage</b> as per Architect's detailed design over a bed of 20cm thick CM 1:4, adding necessary cement grout for proper binding of the tiles top mortar including pointing the joints and closing the voids with cement of matching colour, rubbing and cleaning to smooth finish acid washing etc. complete, excluding cost of cement.(Granite to be Supplied by the Owner )	R.O	m2		
29	Fixing charges of first class <b>hard wood frame</b> for <b>internal doors</b> using 6 Nos. of MS clamps 40mm x 4mm and 175 mm long embedded in CC 1:2:4 block of 200 x 200 x 200 mm size and approved quality of wood preservative to be coated as directed including cost, conveyance and unloading of all materials, all labour charges, fittings etc. complete.	23	m2		
30	Fixing charges for <b>P.V.C door</b> for <b>toilet doors</b> for all floors.	2	Nos.		

31	Supplying and fixing at site <b>aluminium / UPVC sliding doors, windows and ventilators</b> of various size having side hung / top hung openable shutters using HINDALCO (INDAL) or equivalent sections. It shall be fitted with necessary hard wares of approved make, with glass of 6mm thick etc. complete for all floors.	18	m2		
32	Fabricating and Fixing charges for <b>MS guard grills painted</b> with one coat of zinc chromite iron primer for windows and ventilators using square or round or flat rods or in combinations as per detailed designs, wherever fixing on RCC members or on masonry faces, the legs of grills may be embedded in plain concrete blocks 22x 22 x22cm size cast in position during fixing for all floors.( Materilas to be supplied by the Owner )	233	kg		
33	Fabricating and fixing charges for <b>hand rails 80cm height to ramp, steps etc</b> where ever required etc. shall be fabricated with SS pipes. The vertical and top handrail to be made of 50dia S.S pipes. The railings should be welded at joints and fixed to floor at landings as per Architect's approved design and drawings. The rate shall also include all scaffolding charges and all labour charges etc. complete for all floors. ( Materilas to be supplied by the Owner )	63	RM		
34	Painting with 2 coats of white cement for <b>ceiling, inside and outside walls</b> , after cleaning the surface including cost, conveyance and unloading of all materials, scaffolding charges and labour charges etc. complete for all floors.( Materilas to be supplied by the Owner )	1455	m2		
35	Painting with 1 coat primer and 2 coats of interior emulsion for <b>ceiling and internal walls</b> after cleaning the surface including cost, conveyance and unloading of all materials, scaffolding charges and labour charges etc. complete for all floors.( Materilas to be supplied by the Owner )	347	m2		
36	Painting with 1 coat of exterior primer and 2 coats of exterior emulsion for approved colour <b>outside walls</b> , after cleaning the surface including cost, conveyance and unloading of all materials, scaffolding charges and labour charges etc. complete for all floors.( Materilas to be supplied by the Owner )	1007	m2		
37	Fabricating and fixing charges of structural steel work for <b>roof truss</b> using angles or pipes or box sections as per the detailed drawings including cost of all labour charges, painting priming coats etc. complete.( Materilas to be supplied by the Owner )	14	T		

38	Fixing with <b>PUF roofing sheet</b> of 30mm thickness, make and colour as per the Architect's design etc complete.( Materilas to be supplied by the Owner )	535	M2		
39	Painting the roof truss components with one coat of epoxy primer and 2 coats of epoxy paint of approved make. ( Materilas to be supplied by the Owner )	535	M2		
40	Providing <b>water cutting for sunshade, roof slab</b> etc. in cement mortar 1:3, 12mm thick & 15mm wide in lines and levels including cost, conveyance and unloading charges of all materials, all labour charges, formwork, scaffolding charges, watering, curing etc complete excluding cost of cement.	40	RM		
41	Providing external <b>architectural bands / cornice</b> for sunshade projections, parapet walls at wherever necessary with downward/upward curvature and steps, in C.M 1:3 with width varying from 25mm upto 150mm as per the detailed drawing, brushing the surface with cement grout making it smooth including cost and conveyance of all materials, all labour charges for form work, scaffolding, watering, curing etc complete excluding cost of cement for all levels.	10	RM		
<b>Total cost of Civil works</b>					
<b>GRAND TOTAL</b>					
<b>(Rupees..... Only)</b>					