



INDIAN INSTITUTE OF MANAGEMENT KOZHIKODE

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TENDER

FOR

PAINTING AND ALLIED MAINTENANCE WORKS IN VARIOUS ACADEMIC BUILDINGS.

PART II (PRICE BID)

Issued to: -----

Date of Issue of NIT	: 11.11.2019
Date of Issue of Tender Form	: 11.11.2019 to 09.12.2019
Due Date of Submission	: 10.12.2019 up to 3:00 p.m.
Date of Opening of Technical bid	: 10.12.2019 up to 4:00 p.m.
Date of opening of financial bid	: Will be announced later
Cost of Tender Form (Original)	: Rs.1120/- (Including 12% GST)
Probable Amount of Contract	: Rs. 77.45 Lakhs

SCHEDULE OF QUANTITIES

Name of work: - Painting and allied Maintenance works in various Academic Buildings**SCHEDULE OF QUANTITIES**

Item No.	Description	Quantity	Unit	Rate (Rs.) in words and figures	Amount (Rs.)
1	Distemping with 1st quality acrylic washable distemper (readymade) of approved manufacturer and of required shade and colour complete as per manufacturer's specification including cost and conveyance of all materials and labour charges, etc. complete.				
(a)	One or more coats on old work	2600.00	m2		
(b)	Two or more coats	30300.00	m2		
2	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade - one or more coats on old work including cost and conveyance of all materials and labour charges, etc. complete.	100.00	m2		
3	Painting with synthetic Enamel paint of approved brand and manufacture of required colour to give an even shade including cost and conveyance of all materials and labour charges, etc. complete.				
(a)	One or more coats on old work	500.00	m2		
(b)	Two or more coats	3900.00	m2		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
4	Cleaning the existing surface of Glass mosaic tiles (Mridul / Italia), exposed R.R masonry / Cladding / Terracotta tile band, etc. and washing with Hydrochloric acid (HCl 10% concentration), diluted using equal quantity of water or using with appropriate cleaning solutions, detergents, etc. including disposal debris, cost and conveyance of all materials and labour charges, etc. complete (after cleaning, Terracotta band shall be painted with floor polishing paint of matching colour and approved brand with two or more coats), as instructed.	4850.00	m2		
5	Finishing walls with exterior paint of required shade on old work including cost and conveyance of all materials and labour charges, etc. complete.				
(a)	One or more coats applied @ 0.90 ltr/10sqm	500.00	m2		
(b)	Two or more coats applied @ 1.67 ltr/10 sqm	11500.00	m2		
6	Applying one or more coats of Cement primer of approved brand and manufacturer on wall / ceiling surfaces including cost and conveyance of all materials and labour charges, etc. complete.	100.00	m2		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
7	Supplying and stacking at site MP roofing tiles of approved brand & manufactures including conveyance, loading, unloading, etc. complete.	1150.00	Each		
8	Supplying and stacking at site Ridge/Hip Tiles of approved brand & manufactures including conveyance, loading, unloading, etc. complete.	150.00	Each		
9	Laying M.P roof tiles including repositioning the dislocated roof tiles on RCC sloping roof so as to enable fixing of the tiles in tight position in approved manner including cost and conveyance of all materials and labour charges, etc. complete. (The roof tiles will be supplied by the Institute free of cost after assessing the actual breakage at site prior to the commencement of the work)	75.00	m2		
10	Laying ridge/ hip tiles including repositioning the dislocated roof tiles on RCC sloping roof so as to enable fixing of the tiles in tight position in approved manner including cost and conveyance of all materials and labour charges, etc. complete. (The tiles will be supplied by the Institute free of cost after assessing the actual breakage at site prior to the commencement of the work)	50.00	mtr		
11	Laying ceiling tiles including repositioning the dislocated roof tiles on structural sloping roof so as to enable fixing of the tiles in tight				

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
	position in approved manner including cost and conveyance of all materials and labour charges, etc. complete. (The tiles will be supplied by the Institute (in the store of Institute located in IIMK Campus) after assessing the actual breakage. Tile should be collected from the store at site prior to the commencement of the work)	125.00	m2		
12	Valleying with Aluminium sheets 0.63 mm thk or nearest available thickness, 900 mm wide with overlap of 150 mm at joints excluding planking and including nails, cost and conveyance of all materials and labour charges, etc. complete.	50.00	mtr		
13	Dismantling and relaying of M.P roof tiles including ridge and hip tiles and ceiling tiles on RHS purlins including stacking of serviceable materials and disposal of unserviceable materials within 50 mts lead for structural members painting works (cost of replacement of tiles due to breakage at the time of dismantling and relaying will be borne by the Contractor)	2800.00	m2		
14	Providing in position at the necessary locations, 50mm wide and 25 mm thk raised reapers in Cement mortar 1:3, for fixing tile joints neatly finished with matching cement				

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
	slurry etc., including cost and conveyance of all materials and labour charges, etc. complete.	75.00	mtr		
15	Providing in position at the necessary locations, 100mm wide and 50 mm thk raised tile band in Cement mortar 1:4, for fixing tile joints neatly finished with matching cement pigments/ red ocher etc., including cost and conveyance of all materials and labour charges, etc. complete.	75.00	mtr		
16	Applying rust remover liquid for cleaning M.S hand rails, structural roof members etc. including scrapping, sand papering and preparing the surface etc. including cost and conveyance of all materials and labour charges, etc. complete.	1950.00	m2		
17	Applying priming coat with ready mixed red oxide Zinc chromate iron primer of approved brand and manufacture on iron works including cost and conveyance of all materials and labour charges, etc. complete.	1950.00	m2		
18	Supplying of Un-skilled labourers for cleaning fabricated Aluminium windows/ ventilators / doors with glass, cudappa / Kotta slabs at cills / jambs/Floors etc including tools such as brush, mops, etc complete.	25.00	Each		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
19	Providing & applying 12mm thick wall plaster in CM 1:4 (1 Cement : 4 Coarse sand using 25% Coarse sand and 75% fine sand), at all heights and levels including scaffolding, curing etc. complete for various maintenance and repair works.	10.00	m2		
20	Providing and laying in position cement concrete 1:2:4 (1 Cement : 2 Coarse sand : 4 graded stone aggregate 20 mm nominal size)	2.00	m3		
21	Centering and shuttering including strutting, propping etc, and removal of form for- walls including attached pilasters buttresses, plinth and string courses etc.	10.00	m2		
22	Providing & applying two coats of Fastflex/ Master Seal 551 cementitious and elastomeric water proofing coating of M/s Pidilite India Ltd or approved equivalent water proof coating over RCC roofing slabs as per manufactures specifications and as directed by the Engineer-in -charge	10.00	m2		
23	Providing & applying two coats of Pidifin-2K water-proofing of M/s. Pidilite India Ltd. or approved equivalent water proof coating over RCC roofing slabs as per manufacturer's specifications and as directed by the Engineer - in - charge.	10.00	m2		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
24	Pressure grouting by drilling of holes using rotary hammer drill & fixing pvc nozils in the in to the holes & applying quick setting cement all through the construction joint and other weaker areas wherever necessary with injection grouting admixture - roff grout mix / Dr.Fixit pedecrete AM/ Master flow 150 or approved equivalent including cleaning the surface thoroughly using brush etc before and after the application.	25.00	Each		
25	Providing & applying two coats of water proof decorative wall coating with flexibility & breathable properties over external walls with matching colour and appearance having dry film thickness(DFT) of 110 microns and elongation (250 microns DFT) > 200% @ 30°C after applying one coat primer as per manufacturer's specifications and as directed by the Engineer - in - charge. (Dr. Fixit rain coat or approved equivalent)	7200.00	m2		
26	Damp guard Application of two coats with Dr. Fixit Damp Guard/ Master top 1705 solutions for walls at required locations, including surface preparation (such as sandering the wall etc) etc., cost and conveyance of all materials and labour charges, etc. complete as per manufacturer's specifications and as directed by the Engineer - in - charge.	10.00	m2		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
27	Providing and applying three coats of elastomeric liquid water proofing compound (of approved brand and quality) over R.C.C slab, gutters etc. with matching colour and appearance after applying a coat of primer ,as per manufactures specification and as per direction of Engineer in charge.	500.00	m2		
28	Providing and laying Ceramic anti-skid floor tiles of required size (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make and colours, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4Coarse sand), including pointing the joints with white cement and matching pigment etc., complete	15.00	m2		
29	Providing & fixing 1st quality Ceramic glazed wall tiles conforming to IS:13753 of minimum thickness 5 mm of approved make, colour and size laid in dado/ flooring skirting and risers of steps laid on 3 mm average thick cement based high polymer modified quick-set tile adhesive (water based) conforming to IS:15477,using 5 kg. adhesive per sqm. of tile area, filling the joints with filler to match the colour of tiles, complete as directed by the Engineer-in-charge. Tiles shall be laid flush with adjoining surface unless directed other wise.	10.00	m2		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
30	Providing and laying Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) 25 mm thick	5.00	m2		
31	Providing and fixing 18mm thick gang saw cut mirror polished (pre-molded and pre-polished) machine cut Granite slabs for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, clour and texture (sample of granite shall be approved by Engineer - in charge) laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc complete at all levels.	2.00	m2		
32	Steel work using MS square tubes, Plates, pipes and rods, including cutting, hoisting fixing in position and painting with synthetic enamel paint two or more coats over a coat of steel primer , welded and bolted including special shaped washers etc complete.	250.00	Kg		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
33	Dismantling steel work including stacking the removed materials in the required location in the campus.	125.00	Kg		
34	Providing Stainless Steel hand rails using 304 grade SS Pipes, flats/plates (with necessary thickness) including cutting, welding and fixing in position with necessary screws, base plates, etc. complete.	400.00	Kg		
35	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width.	500.00	mtrs		
36	Providing and laying terracotta tiles grade 1 laid in CM 1:4 for floors, walls and skirtings, including dismantling the damaged tiles, cement mortar etc complete. The rate quoted shall also includes filling the joints with approved joint filler.	10.00	m2		
37	Providing cera-Granite stone slab flooring (as per sample available in site) over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match with the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (1 cement 4 coarse sand) : Average 30 mm thick.	5.00	m2		

Item No.	Description	Quantity	Unit	Rate (Rs) in words and figures	Amount (Rs.)
38	Demolishing floor/wall tiles including disposal of materials within a lead of 1 Km.	5.00	m2		
39	Re conditioning the rain water gutter base including removing the plastering, applying rust remover, painting with synthetic enamel paint of two or more coats after applying suitable primer and plastering the base. The rate quoted shall include all charges for materials and labour charges, etc complete.	85.00	Each		
TOTAL					
(RupeesOnly)					

Signature of the Contractor:

Name & Address:

**Sd/-
Chief Manager (Infrastructure)**