**Comparative Statement** Waterproofing Refurbishing of Student Center Tender # CW/25/21-22

Item	::			M/s. ENCON		M/s. Kaim Khani Construction & Builders		M/s. Cemcon Associates		M/s. BS Traders & Engineering Services		M/s. Creative Contractors	
No.	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.
1	Earthwork  Excavation & Shifting of Sweet Earth on Roof Slab  Removal of existing earth soil laid on ramp leading to Roof, storage temporarily at place disposal of removed stuff outside IBA Premises as directed by the Engineer. This item includes the cost of removal, shifting & disposal of excavated material complete in all respect as per instruction of the Engineer Incharge.	Rs. 15,393.00	Cft	Rs. 18.00	Rs. 277,074.00	Rs. 20.00	Rs. 307,860.00	Rs. 35.67	Rs. 549,068.31	Rs. 31.00	Rs. 477,183.00		RS.
2	Purllo Plaster  Providing & applying, 20mm thick water proof Pudlo Plaster in (1:4) cement sand mortar by using 5% Pudlo by weight, smooth finished with steel trowel on walls, floor or where required including CC chamfers 1:2;4 along all wall slab corners 3" x 3" complete in all respect as per specifications. This rate includes all cost of material, !abour, tools & piands, lead and lift of material, curing and testing for vater tightness as per direction by Engineer Incharge.	Rs. 4,105.00	Sft	Rs. 74.00	Rs. 303,770.00	Rs. 40.00	Rs. 164,200.00	Rs. 96.25	Rs. 395,106.25	Rs. 102.00	Rs. 418,710.00	,	
3	Dismantling of Existing Roof Screeding  Dismantling of existing damaged concrete roof screed by using chiesling manually or using concrete grinder & cutter mechanically inclusive of removal of demolished material, shifting & disposal outside IBA premises as per direction by the Engineer Incharge.  Note: No gun hammer is allowed for dismantling purpose.	Rs. 3,987.00	Sft	Rs. 29.00	Rs. 115,623.00	Rs. 18.00	Rs. 71,766.00	Rs. 34.04	Rs. 135,717.48	Rs. 27.00	Rs. 107,649.00		
4	Roof Treatment Providing & Applying Expan Cote Rubber -Flex Manufactured By Fos Pak Confirming To Astm D-543 And Astm C-907 or equivalent as approved. The material is to be applied as per application procedure prescribed by the manufacturer by qualified / specialized applicator. Application: ExpanCOTE* Rubber-flex should be applied by brush, roller, trowel or spray (Two coats application on horizontal surfaces) at a minimum wet film thickness of 1.0 mm On a vertical surface a film build of 1.5 – 2.50 mm is achievable in two to three coats with reinforced polyester sheet. This rate is inclusive of all type of labour, material, tools & plants, Scaffolding, lifting, testing of surface as per prescribed etc. This rate is also inclusive of all type of federal, provincial and municipal taxes etc. complete. Note: Proper surface preparation and approval must be achieved prior application of coat. Roof Screed_using Concrete 1:2:4	Rs. 22,673.00	Sft	Rs. 62.00	Rs. 1,405,726.00	Rs. 63.25	Rs. 1,434,067.25	Rs. 68.37	Rs. 1,550,153.01	Rs. 102.00	Rs. 2,312,646.00		

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				M/s. ENCON		M/s. Kaim Khani Construction & Builders		M/s. Cemcon Associates		M/s. BS Traders & Engineering Services		M/s. Creative Contractors	
Item No.	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.
5	Supply, mix, place, compact and cure, concrete Type M25 Concrete 1:2:4, for Roof screed laid in panel with smooth steel trowel finish, concrete shall be laid in alternate panels not exceeding 1200 x 1200mm average thickness 2" (50mm) slope as per marked on drawing, complete in all respect as per drawing and as directed by the Engineer. This cost includes all type of material labour, tools paneling using glass strip 3mm x 20mm as approved by Engineer Incharge.	Rs. 3,987.00	Sft	Rs. 54.00	Rs. 215,298.00	Rs. 65.00	Rs. 259,155.00	Rs. 130.05	Rs. 518,509.35	Rs. 156.00	Rs. 621,972.00		
6	Tilling for Roof Insulation  Providing & laying , Roof Insulation Composite Tile size 300mm x300mmx50mm Manufactured by Matrix or equivalent: Light weight thermal insulation tiles in approved shade and Colour. The tile is to be made with fiber reinforced cement concrete wearing surface minimum thickness 20mm minimum compressive strength 3000 Psi fixed with tile bond on roof screed surface. Tile base to comprise of light weight aerated - cellular concrete with expanded polystyrene (EPS) inset average density 1500 Kg/m3 and minimum thickness .Tiles to be grouted with minimum 5mm space. Color as per approved by Engineer In-charge.	Rs. 8,501.00	Sft	Rs. 260.00	Rs. 2,210,260.00	Rs. 305.00	Rs. 2,592,805.00	Rs. 388.00	Rs. 3,298,388.00	Rs. 400.00	Rs. 3,400,400.00	Non-Resr	ionsive, could not
7	Sweet Earth Filling Supply, place and compact manually sweet earth fill material free from organic substance and stones etc as specified approved by the Engineer on ramp area, material shall be placed in layers not more then 150 mm, each layer shall be compacted to not less than 90% of relative density complete as per specification and directed by the Engineer.	Rs. 15,393.00	Cft	Rs. 25.00	Rs. 384,825.00	Rs. 17.00	Rs. 261,681.00	Rs. 79.60	Rs. 1,225,282.80	Rs. 40.00	Rs. 615,720.00	The second second second	eligibility criteria
8	Organic Manure Supply and place organic manure mixed with sweet earth of approve quality on ramp area complete in all respect as shown on drawing, specification and as directed by the Engineer.	Rs. 1,026.00	Cft	Rs. 107.00	Rs. 109,782.00	Rs. 15.00	Rs. 15,390.00	Rs. 90.45	Rs. 92,801.70	Rs. 45.00	Rs. 46,170.00		
9	Grass Supply & Grassing fine by dribbling grass roots 3" apart including watering, weeding till such time the grass is set and becomes green and is fit for mowing American grass.	Rs. 4,105.00	Sft	Rs. 54.00	Rs. 221,670.00	Rs. 25.00	Rs. 102,625.00	Rs. 45.25	Rs. 185,751.25	Rs. 156.00	Rs. 640,380.00		***
10	Painting Repainting two coats with weather shield paint of (ICI) Dulex or equivalent make and shade on external plaster surface including cleaning, sand papering the surface as directed by the engineer.	Rs. 16,864.00	Sft	Rs. 16.00	Rs. 269,824.00	Rs. 47.00	Rs. 792,608.00	Rs. 47.35	Rs. 798,510.40	Rs. 42.00	Rs. 708,288.00		-92
11	Perforated Flow Line Pipes Supply and installation of perforated uPVC pipe (3" Dia) of Dadex or equivalent approved quality - Flow Line for rainwater & underground drainage at ramps area including all type of fittings & specials such as tees, bends, plugs, reducers etc with rubber ring Push fit jointing method including cost of making holes in RCC or masonry whereever required complete in all respect as per drawing, specification and as directed by the Engineer.	Rs. 440.00	Rft	Rs. 550.00	Rs. 242,000.00	Rs. 73.00	Rs. 32,120.00	Rs. 736.86	Rs. 324,218.40	Rs. 400.00	Rs. 176,000.00	S	

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Item No.	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.	Rate Rs.	Amount Rs.
1	Replacement of Wood Doors  Supply, replace and fix in position 40 mm thick 1st class deodar wood single / double leaf paneled door shutter of any shape with, upto '200 mm wide style and rails, upto 20 mm thick paneling. This item includes all hardware's / ironmongery like hold fasts, hinges,iron towe bolts, handles and cleats with cord and one morticw lock and hocks of approved quality, complete in all respect as per direction and as directed by the Engineer Incharge.	Rs. 131.00	Sft	Rs. 650.00	Rs. 85,150.00	Rs. 445.00	Rs. 58,295.00	Rs. 2,024.85	Rs. 265,255.35	Rs. 1,470.00	Rs. 192,570.00		
13	Enamel Paint on Wood Work  Supply and Paint two coats with enamel paint (Berger, ICI) or equivalent approved make and shade to wood work including one primer coat, cleaning and sand papering the surface as directed by the Engineer Incharge.	Rs. 369.00	Sft	Rs. 40.00	Rs. 14,760.00	Rs. 45.00	Rs. 16,605.00	Rs. 114.00	Rs. 42,066.00	Rs. 43.00	Rs. 15,867.00		
14	Red Oxide on Metal Work Applying one renewal coat with synthetic red oxide primer of approved make including scraping and sand papering the surface as directed by the Engineer Incharge.	Rs. 594.00	Sft	Rs. 25.00	Rs. 14,850.00	Rs. 33.00	Rs. 19,602.00	Rs. 16.85	Rs. 10,008.90	Rs. 22.00	Rs. 13,068.00		
15	Enamel Paint on Metal Work  Supply and apply two (2) renewal coats of Enamel paint (highest grade) of ICI, berger or equivalent in approved shades, besides the two coats of paints, prior to application, surfaces should be cleaned and degreased, complete in all respect as per specifications.	Rs. 324.00	Sft	Rs. 38.00	Rs. 12,312.00	Rs. 47.00	Rs. 15,228.00	Rs. 114.00	Rs. 36,936.00	Rs. 43.00	Rs. 13,932.00		
16	On Metal Door / Windows and Ventilators.  Enamel Paint on Metal Railing  Supply and apply two (2) renewal coats of Enamel paint of (highest grade) with appropriate primer of ICI or equivalent in approved shades, besides the two coats of paints, prior to application, surfaces should be cleaned and degreased, complete in all respect as per specifications.	Rs. 270.00	Sft	Rs. 38.00	Rs. 10,260.00	Rs. 47.00	Rs. 12,690.00	Rs. 114.00	Rs. 30,780.00	Rs. 43.00	Rs. 11,610.00		
	Total Amount	Rs. 5,893,184.00		Rs. 6,156,697		Rs. 9,398,554		Rs. 9,772,165.00					
-	SST				Rs. 766,113.92		Rs. 800,370.6		Rs. 469,927.7		Rs. 1,270,381.45		
	Grand Total Amount Inclusive of all taxes		Rs. 6	,659,297.92 Rs. 6,957,067.9			Rs. 9	,868,481.9	Rs. 11,042,546.45				

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