



BIDDING DOCUMENT
for
Refurbishment of Mizoram State Museum

VOLUME-II
(Price Bid)

Issued on : 17th April 2021
Invitation for Bids No : No. B. 11030/144 (Proc-Gen)/2018-ASCL/109
Package No : MIZ-AIZ-013/EDC/14
Employer : AIZAWL SMART CITY LIMITED, AIZAWL
State : MIZORAM
Country : INDIA



AIZAWL SMART CITY LIMITED, AIZAWL

Price Bid

This Section contains the forms which are to be completed by the Bidder and submitted as part of his Price Bid.

Table of Forms

Letter of Price Bid	2
Schedules	3
Bill of Quantities	5

Letter of Price Bid

Date:

Contract Package No.:

Invitation for Bid No.:

To:.....

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) 8;
- (b) We offer to execute in conformity with the Bidding Documents and the Technical Bid submitted for the following Works:
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is:
- (d) The discounts offered and the methodology for their application are:
- (e) Our Bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (g) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (h) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

Schedules

Bill of Quantities

Preamble

(A) General

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Specifications and Drawings.
2. For the construction of works, the quantities given in the Bill of Quantities are estimated quantities, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued at the agreed individual item rates. Bills will be raised monthly. The method of measurement shall be as per norms laid out by the Bureau Of Indian Standard's publication IS: 1200 (Latest Editions with updated amendments).
3. A rate or price shall be entered against each item in the Priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor has failed to enter a price or rate shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
4. The whole cost of complying with the provisions of the contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of work.
5. General directions and descriptions of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. Reference to relevant sections of the Contract documentation shall be made before entering prices against each item in the priced Bill of Quantities.
6. The rates and prices tendered in the priced Bill of Quantities shall, except in so far as it is otherwise provided under the Contract, include all constructional plant, labour, supervision, materials, erection, maintenance, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out in the Contract. Import duty and excise duty on materials and goods to be imported shall not be included in the Unit Rates
7. Arithmetic errors will be corrected by the Employer as follows:
 - a. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
 - b. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - c. if there is a discrepancy between words and figures, the Amount (In INR) in words shall prevail, unless the Amount (In INR) expressed in words is related to an arithmetic error, in which case the Amount (In INR) in figures shall prevail subject to (a) and (b) above.
8. Rock is defined as all materials that, in the opinion of the Engineer, require blasting, or the use of metal wedges and sledgehammers, or the use of compressed air drilling for their removal, and that cannot be extracted by ripping with a tractor of at least 150 brake hp with a single, rear-mounted, heavy-duty ripper.

(B) Work Items

The Bill of Quantities contains Schedules as below:

Construction of Pelican Crossing System

ABSTRACT COST

The quoted rate and amount should be inclusive of taxes, duties and cess including all cost payable by the Bidders in executing the subjected contract package.

SL No.	ITEM	AMOUNT
1	WOOD WORK & DOOR FITTINGS	
2	STEEL WORK	
3	FLOORING	
4	CEILING WORKS	
5	FINISHING	
6	ALUMINIUM WORKS	
	TOTAL	
	MR ITEMS	
7	MR Items-1	
	MR Items-2	
	MR Items-3	
	MR Items-4	
	MR Items-5	
	MR Items-6	
	MR Items-7	
	MR Items-8	
	MR Items-9	
	TOTAL TR Items	
8	CONTINGENCIES CHARGES	8,54,500.00
	GRANT TOTAL	

(Rupees _____) only.

<u>BIL OF QUANTITIES</u>					
(Rates and amount for all items are incisive of of taxes, duties and cess including all cost payable by the Bidders in executing the subjected contract package)					
Sl. No.	Particulars/Items	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
<u>1 WOOD WORK & ALUMINIUM FITTINGS</u>					
1	Providing and fixing 40mm thick panelled door shutter comprising of styles and rails of seasoned Teak wood with pannels of Duratough Board 25mm thick as per required architectural design including MS Butt Hinges with necessary screws but excluding vernishing/ painting etc.				
	40 mm thick				
		Sqm	111.20		
2	Providing and fixing cupboards shutters with frame of 25mm thick first class local wood and well matched plywood on external side including Butt Hinges, handles and locking arrangements complete.				
	Using 4mm thick Teak Ply.				
		Sqm	1330.27		
3	Providing and fixing 25mm thick 25cm wide wooden eaves board.				
	Flocal eaves board				
	Using First Class local wood				
4	For Panelling Works				
		Rm	6450.00		
	Providing and fixing dress and chamfered first class local wood door and window architrave fixed with sleeves on door, chowkath etc. complete.				
5	75mm x12 mm				
		Rm	250.35		
	Providing 40 x 5mm flat iron hold fast 40 cm long including fixing to frame with 10mm dia. bolts, nuts and wooden plugs and embeddings in cement concrete block 30 x 10 x 15cm 1:3:6 mix (1 cement : 3 sand : 6 well graded stone aggregate 20 mm nominal size)				
6		Nos	282.00		
	Providing and fixing brass sliding door bolts (aldrops) bright finished with nuts and screws etc. complete.				
	300 x 16 mm				
7		Nos	68.00		
	Providing and fixing Brass Tower Bolts (Socket Bolts) bright finished with necessary screws etc. complete.				
	300 mm				
8		Nos	75.00		
	Providing and fixing brass handles with necessary screws, etc. complete				
	150 mm				
		Nos	132.00		
				TOTAL=	

2. FLOORING				
1	25mm thick dressed local wood planked flooring butt joined fixed with iron screws / nails complete excluding cost of base frame.			-
	1ST CLASS WOOD/teak wood			
		Sqm	750.59	
2	Providing & laying vitrified floor tiles in different sizes (thickness to be specified by the manufacture) with water absorption less than 0.08% and conforming to IS:15622,of approved make, in all colours and shades, in skirting/dado, riser of steps,laid with cement based high polymer modified quick set tile adhesive confirming to IS 15477 In avg 6mm thickness including grouting of joints (payments for grouting of joints to be made separately).			
	Full body polish vitrified (General)			
	Ground Floor			
	Museum Publication	Sqm	38.20	
5	Providing & laying vitrified tiles in different sizes (thickness to be specified by the manufacture) with water absorption less than 0.08% and conforming to IS:15622,of approved make, in all colours and shades, in skirting , riser of steps, laid with cement based high polymer modified quick set tile adhesive (water) based) conforming to IS:15477, in average 6mm thickness, including grouting of joints (Payment for grouting of joints to be made separately)			
	Full body polish vitrified (General)			
	Ground Floor			
	Skirting			
	Museum Publication	Sqm	2.37	
3 FINISHING				
1	Painting with silicon & acrylic emulsion based water thinnable sealer of approved brand & manufacture on wet or patchy portion of plastered surfaces. Two coats.			
		Sqm	6,550.00	
2	Applying priming coat with ready mixed pink or grey primer of approved brand & manufacture on wood work (hard & soft wood) & plywood.			
		Sqm	111.20	
				TOTAL
4. Ceiling Works				
1	Providing and fixing recessed ceiling with 12.5mm tapered Gypboard which includes providing and fixing G.I perimeter funnels with nylon sleeves and screws intermediate channels fixed to GI seat and steel expansion fastener etc. all complete including rounding, filling and finishing the tapered and square of the board with jointing compound and two coats of primer suitable to Gypboard.			
		Sqm	1297.74	
			TOTAL	
5. Steel Works				
1				
	Steel work welded in built up sections/framed work including cutting, hoisting, fixing			

	in position and applying a priming coat of approved steel primer using structural steel etc. as required.			
	In a grating, frames, guard bar, ladders, railings, brackets, gates & similar works.			
		Kg	47.58	
2	Structural steel work rivetted, bolted welded in built up sections, trusses and framed works, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (In Tees, R.S. Joists, Angles, Flats and Channels.)			
		Kg	3000.00	
				TOTAL
6. Aluminum Works				
1	Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard sections/ other sections of approved make conforming to IS : 733 and IS : 1285 fixing with dash fasteners of required dia and size, including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/ neoprene gaskets etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, aluminium snap beading for glazing /panelling, CP brass /stainless steel screws all complete including fixing of glasses but excluding cost of glasses.			
	anodised			
	2 - track sliding windows/ventilators.			
		Sqm	28.32	
2	Supplying of glass panes at site.			
	4mm thick froasted plateglass.			
	Quantity Same as 11.01 b	Sqm	28.32	
				TOTAL
7 MARKET RATE ITEMS				
1	Supply & Laying of 5 mm Nylon investa Carpet with heavy pvc backing as per Engineer-in-charge.			
		Sqm	77.87	
2	Providing & laying of Epoxy flooring.			
		Sqm	200.17	
3	Providing & Fixing 15 Passenger lift as per below given specifications:-			
	Kone - or equivalent			
	Gearless Machine Room Less Lift			
	Speed - 1m/s			
	Drive - V3F			
	Nos of Stops - 5 Nos, Basement -III , Basement-II, Basement- I, Ground, First.			
	CAR Size-1100 mm (W) x 2150 mm (D)			
	CAR Ceiling & Panels - SS Hairline Finish			
	Car Flooring - Stone Finish			
	Car Illumination - LED			

	CAR Entrance - Centre Opening Power with partial height glass Door in SS Hairline Finish.			
	Door Safety - Full Height Infra red safety curtains			
	Landing Entrance - Centre Opening Power with partial height glass Door in SS Hairline Finish.			
	Clear Opening - 1930mm (W) X 2700 (H)			
	Control - Full Collective Simplex			
	CAR Indicators - KDS 90 PH COP- Surface Mounted Buttons-White LED			
	Landing Indicators - KDS 90 LCI- Flush Mounted Buttons-White LED.			
		Each	1	
4	Supply & Fixing of 08 mm Toughened Glass with L angle & other necessary fittings.			
		Sqm	422.73	
5	Providing & Fixing of LED Downlight of 12 Watt Halonix HLDLR-R08-12-CW-PC or equivalent			
		Nos	446	
6	Providing & Fitting of LED Strip light with driver in coves of false ceiling.			
		Rmt	380	
7	Providing & Installation of Customized Furniture by 19 mm plyboard & premium laminate on the top, all edges should be done with edge binding tape of premium quality.			
		Sq. ft	749.13	
8	Supply Installation , Testing & Comminsoning of Virtual Reality Standalone System with 32 GB Oculus or Equivalent.			
	Zoology Gallery	Nos	4	
9	Supply Installation ,Testing & Comminsoning of Conference Room audio visual system with projector, audio system, LED flat screens, wireless presentation solution..			
		Nos	3.00	
				TOTAL