

# INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY

SHIBPUR, P.O. Botanic Garden (Formerly Bengal Engineering And Science University)

HOWRAH (West Bengal, India)-711103

Phone: 033 26681503, 033 26684561 Fax: 033 26682916

Tender No:-08/DY.REG./19-20

Date:-31.05.2019

## Notice Inviting Tender

Sealed quotations are invited from bonafide Contractors for Emergent renovation of Window with aluminium window , Installation of aluminium door, flooring and other miscellaneous work at Lecture hall complex inside the campus of IEST, Shibpur, Howrah.

The quotation will be received in the drop box at the Office of the Registrar, Purchase section between 11.00 a.m and 5.00 p.m on all working days latest by 08.06.2019. Opening on 08.06.2019 at 5.30 p.m.at the Office of the University Engineer.

REGISTRAR

Terms & conditions:-

1. All rates quoted should be inclusive of all taxes, levies & duties. The rate should be quoted both in figures and words.
2. The work should be executed carefully without damaging existing underground / overhead service lines (Water, Electricity, Sewerage lines)
3. Bidder should visit the site and assume the quantity of the work prior to submission of tender.
4. No advance payment can be made
5. The Order no is to be noted on both Challan & Bill
6. Payment will be made on submission of proper bill, Challan etc., by A/C payee cheque. No cash payment will be made under any circumstances
7. Copies of the PAN Card & GST Registration Certificate and Trade License and Professional TAX Certificate should be attached with the quotation
8. Contractors / Bidders are requested to inspect the site before submitting the quotation.
9. The work should be completed within 15 days after receiving the work-order.

Dy.Registrar,  
(Purchase & Store)  
IEST Shibpur

Copy forwarded for information and necessary action to:

1. Institute Website,
2. Notice board,
3. University Engineer.

**Name of the Work: Emergent renovation of Window with aluminium window , Installation of aluminium door flooring and other miscelleneous work.**

Sl No	Description of items of work (Based on PWD schedule of rates w.e.f. 01.11.2017.)	Unit	Unit Rate (Rs)	Quantity	Amount (Rupees)
1	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91 Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contrr[e] ( Page 66 , Item 36)	sqm			
	(II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm [Applied directly over finished artificial stone floor/ mosaic etc. (B) Light Colour	sqm	1369.00	48.00	65712.00
1	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In- Charge. (Payment will be made on finished length of the work). (A) In 10-12 Micron thickness Anodizing film ( Page 233, Item no.1)	Mtr.			
	b) 3- track sliding window				
	i) Bottom frame (Sec no. 4095)	Mtr.	311.00	8.40	2612.40

	ii) Top frame.(Sec no. 4096)	Mtr.	270.00	8.40	2268.00
	ii) side frame.(Sec no. 4096)	Mtr.	270.00	8.00	2160.00
	d) Shutter for all track sliding window.				
	i) Bottom & Top member.(Sec no. 4148)	Mtr.	117.00	18.00	2106.00
	ii) Style side member.(Sec no. 9777)	Mtr.	119.00	8.00	952.00
	iii) Interlock member.(Sec no. 9778)	Mtr.	148.00	16.00	2368.00
	g) Fixed glazing.				
	i) Top member.(Sec no. 9210)	Mtr.	321.00	8.80	2824.80
	bottom member.(Sec no. 9210)	Mtr.	321.00	8.80	2824.80
	side member (Sec no. 9210)	Mtr.	321.00	8.00	2568.00
	ii) Mullion.(Sec no. 9207)	Mtr.	339.00	16.00	5424.00
	iii) Glazing clip. (Sec no. 4660)	Mtr.	50.00	35.20	1760.00
	Glazing clip. (Sec no. 4660)	Mtr.	50.00	24.00	1200.00
2	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987. iii) 5 mm thick clear glass. ( Page 243, Item no. 9)				
	for 2 - track sliding window	Sqm.	526.00	8.40	4418.40
	for fixed portion	Sqm.	526.00	8.40	4418.40
3	Supplying maruti lock (100mm) ( Page 242, Item no. 7)	each	46.00	12.00	552.00
4	Supplying EPDM gasket of approve make and brand as per direction of Engineer in charge. ( Page 242, Item no. 8)	Mtr.			0.00
	for 2 - track sliding window U shaped	Mtr.	13.00	42.00	546.00
	for 2 - track sliding window T shaped	Mtr.	15.00	39.60	594.00
5	Supplying PVC rollers for sliding windows as per direction of Engineer in charge. ( Page 242, Item no. 6)	each	14.00	24.00	336.00

6	Labour charge for fabrication and installation of composite door, window , partitions made from anodized extruded alloy aluminium sections for the following units:- (A) Glazed aluminium sliding windows made of extruded anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and alining of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Poly Sulphate sealant and in between shutter and window frame where necessary including cutting to requisitte size and fixing glass as per drawing, specification and direction of Engineer- in charge. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleate angle etc. but excluded the cost of extruded sections, glass, neoprene / EPDM gasketing, locking arrangement and rollers.(Page 239, Item 2 )				0.00
	i ) 2 track sliding window.	Sqm.	696.00	8.40	5846.40
	iv ) Fixed glazing.	Sqm.	768.00	8.40	6451.20
8	Mending good along the peripheral masonry surface all along the window opening after removing the window frame with cement mortar (1:4) or M15 grade of concrete wherever necessary including curing. (Non - schedule item)	Mtr.	100.00	32.00	3200.00
9	Dismantling existing grill and collapssible gate and shifting the same at Departmental godown	Ls	5000.00		0.00
10	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. ( Page 16 , Item 16)	sqm	714.00	1.38	985.32
11	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (ii) With 1:4 cement mortar (b) 15 mm thick plaster ( Page 189 , Item 1)	sqm	156.00	2.75	429.00

12	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285-1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. (Payment will be made on finished length of the work). (A) In 10-12 Micron thickness Anodizing film I) Natural white				
	k ii) Shutter :				
	Top rail.	Mtr.	304.00	4.00	1216.00
	Bottom rail.	Mtr.	448.00	4.00	1792.00
	Lock rail	Mtr.	377.00	4.00	1508.00
	Door vertical.	Mtr.	332.00	24.00	7968.00
13	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:-				0.00
	C) Fully glazed single leaf reamless swing door made of anodized aluminium alloy extrusions fabrication after cutting to proper shape and size, drilling and aligning fitted with heavy duty hydraulic action floor spring with top pin assembly and fitted with inbuilt locking arrangement and all other necessary fittings, fixture, adhesives and joineries, cutting the glass to requisite shape and size mounting the edges for fitting the same with dry set neoprine/EPDM gasket.	Sqm.	1501.00	12.00	18012.00
14	Supplying heavy duty hydraulic double action floor spring along with top pin/set of pivots conforming to IS: 6315 or any approved make as per direction of Engineer in charge.	eah set	1729.00	4.00	6916.00
15	Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge.	Mtr.	19.00	12.00	228.00

16	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987 iii) 5mm thick clear glass.	Sqm.	526.00	12.00	6312.00
17	Supplying 4 lever mortice lock or any approved make and brand as per direction of the Engineer- in -Charge.	each	378.00	2.00	756.00
18	C) Supplying Heavy Duty Aluminium Handle (EBCO Type) (Natural White)	each	96.00	8.00	768.00
19	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. (Payment will be made on finished length of the work).(A) In 10-12 Micron thickness Anodizing filmI) Natural white				
	j) Fixed partitions. (Unsupported length of vertical member more than 1.5 mtr.or both ends of vertical member restrained but panels more than 0.9 Sq.m)				
	i) Top , bottom & side member.	Mtr.	481.00	5.00	2405.00
	ii) Intermediate member	Mtr.	500.00	1.00	500.00
	iii) Glazing clip.	Mtr.	50.00	30.00	1500.00
20	Labour charge for fabrication and installation of composite door, window, partitions made from annodized extruded alloy aluminium sections for the following units:-				0.00

	(D) Partly glazed and partly panelled partition or fixed glazing made of extruded and anodised alloy aluminium sections, fabrications after cutting to proper shape and size, drilling and aligning fitted with inbuilt locking arrangement cutting the glass / board (prelaminated / particle / block) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprene /EPDM gasket, along with all other necessary arrangements for fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specifications and direction of the Engineer in charge.	Sqm.	728.00	1.44	1048.32
21	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987iii) 5mm thick clear glass.	Sqm.	526.00	1.44	757.44
<b>Total</b>					<b>174243.48</b>
<b>Add GST 12%</b>					<b>20909.22</b>
Add 1% for Labour welfare cess					<b>1742.43</b>
Total value of work					<b>196895.13</b>
<p><b>To qualify for award of the contract the bidder: -</b>  (a) should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 1,00,000/- (Rupees one lakh only)</p> <p><b>Security Deposit:</b>  The employer shall retain 10% from each payment due to the contractor as security deposit which shall be released when the Period of Maintenance has passed and Engineer has certified that all defects notified by the Engineer to the Contractor before the end of this period have been corrected.</p> <p><b>Period of Maintenance.</b>  The “Period of Maintenance” for the work is twelve months from the date of taking over possession of the completed works or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer</p>					

I / We offer to execute the Works described in the Bill of Quantities in Part II of the Tender Document in your letter / tender no referred to above in accordance with the Conditions of Contract enclosed therewith at \_\_\_\_\_ percentage above / below (\*) the estimated rates, i.e. for a total Contract Price of

Rs. \_\_\_\_\_ [in figures] \*

Rs. \_\_\_\_\_ [in words]"

Authorized Signature :

Date: \_\_\_\_\_