



**BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM, HYDERABAD-32
Township Administration Department**

SCHEDULE- A

Tender Notice No:
HY/TA/OT-09/2022-23, Dt: 16.07.2022

PRICE BID

Description of work:-Establishment of Lift at OPD Building of BHEL General Hospital at HPEP Hyderabad

Part-I - Lift Machinery Works		
Item	Description	Requirement
I	1 Doors	Automatic Doors
	2 Number of Elevators	1 No. of Reputed Brand
	3 Type	Traction
		Main rope - of minimum 13mm (of Reputed Brand)
	4 Capacity	8 Passengers / Wheel Chair (544 Kg)
	5 Travel Height	Minimum 30 Feet (Approx) including machinery room.
	6 No. of floors to be served	Ground + first floor (2 stops at 2 levels)
	7 No. of Landings to be served	Ground + 1 Landing = 2 Landings
	8 Position of Car Entrance	Front
	9 Location of the Machinery	above the Lift Shaft
	10 Minimum Required Well and Pit Size	2000 mm x 2000 mm and 2000 mm depth
	11 Car Enclosure	S.S. Hairline Finishing Cabin for passengers / wheel chair with S.S. Mirror Panel in the Back with MS Door Frames. MS Structure covered with A.C.P sheets of 4mm thickness of Reputed brands.
	12 Car Fitting	LED Lights / Blower or Indirect fluorescent Light of reputed brand make and fan - Reputed brands.
	13 Minimum Car Inner Dimensions	1200mm x 1400mm
	14 Car Entrance Protection	Automatic Doors with Big Vision of Reputed Brand
	15 Landing Entrance Protection	Automatic Doors with Big Vision of Reputed Brand
	16 Minimum Entrance Clear Opening	800mm wide x 2000mm height
	17 Control System	Micro processor based controller Integrated with A.R.D. of Reputed Brand
	18 Power Supply	3 Phase supply to the Machine room with proper earthing / 415v, 3 Phase 50 Hz, A.C
	19 Auxiliary Required	220v, 1 phase, 50 Hz, A.C.
	20 Electrical Safety Device	A) Limit Switches to protect against over travel in both directions; B) Single Phase preventer with a protection against phase sequence reversal. C) Automatic speed governor
	21 Lift Buttons for calling and Movement	A vandal resistant stainless steel button face, with in-built beeps, illumination upon pressing and raised braille for the vision impaired.
	22 Speed	0.63 mts. per sec
	23 Drive / V3F	of reputed brands
	24 Guide Rails	10mm of reputed brands
	25 No. of Entrance	One Location Front
	26 Car Body	S.S. Hairline (Steel) of reputed brands
	27 Ceiling	S.S. Hairline Finishing False Ceiling
	28 Flooring	Aluminium Chequered Plate Flooring
	29 Motor (7.5 H.P)	of reputed brands
	30 Floor Indicators	7 - Segment Floor Position Indicator (L.O.P & C.O.P)

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	31	MS Square Pipes	Minimum 4 Nos. - Square Pipe of Size Minimum 100mm x 100mm of atleast 5mm Thickness.
	32	MS Structure with ACP Sheets of 4mm thickness, make: Reputed.	Ground Floor + First Floor + Over Head Machine Room
		Total Amount for Part-I (Including Taxes) = Rs. (In Lakhs)	14.4

Note:

	a)	M.S. Structure with A.C.P Sheets for G+1				
	b)	M.S. Square Pipes (100mm x100mm) of 5mm Thickness, Make Reputed Brand				
	c)	A.C.P. Sheets of 4mm thickness, make Reputed Brand				
	d)	All the materials related to supply and erection of lift is in the agency scope only (including all structural steel with plate and bolts).				

Part-II - Civil Works

SL. NO	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	Demolishing brick work in cement mortar manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 2 KM lead as per direction of engineer in charge.	16.00	Cum	1589.44	25431.04
2	Demolishing R.C.C. work neatly by diamond cutting by mechanical means including stacking of steel bars and disposal of unserviceable material upto 2 km lead as per direction of Engineer - in- charge	7.00	Cum	13570	94990
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :15.12.1 Of area 3 sq. metres and below	9.00	each	274.5	2470.5
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	16.00	Sqm	54.85	877.6
5	Dismantling reinforced cement concrete / plain cement concrete and disposing of debris upto to a lead of 2 KM including loading, unloading and spreading as directed by Engineer-in-charge etc., complete.	1.35	Cu.m	2654.24	3583.22
6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m for all kinds of soil all as directed by Engineer-in-charge.	32.00	Cum	252.3	8073.6
7	Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) excluding the cost of centering and shuttering - All work up to plinth level including curing all as directed by Engineer-in-charge.	1.50	Cum	5789.6	8684.4
8	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering ,shuttering, finishing and reinforcement ,including consolidation by vibrations for all works up to plinth level with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) etc., complete all as directed by Engineer-in-charge.	11.00	Cu.M	7718.25	84900.75

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9	Brick work FPS brick of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6(1cement :6 coarse sand) etc complete all as directed by Engineer-in-charge.	10.50	Cum	7590.45	79699.73
10	Plastering in CM 1:6 , 20 mm thick to internal and external surfaces of walls including the cost of all materials , labour , curing etc, complete -Upto 10.00 M level.) all as directed by EIC.	75.00	Sq.m	345.65	25923.75
11	Finishing walls with textured exterior/ interior paint of required Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm shade including cost of scrapping wherever necessary etc complete.	170.00	Sq.m	232.00	39440
12	Supply and fixing of steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all etc complete upto plinth level including cost of all materials all as directed by Engineer-in-charge.	471.00	kg	83.5	39328.5
13	Structural steel work riveted bolted or welded in built up sections/ single sections , strusses and framed work, hoisting fixing in position and applying a priming coat of approved steel primer all complete	100.00	kg	86.05	8605
14	Coursed rubble masonry in second sort with hard stone in foundation & plinth with cement mortar 1:6 (1 cement :6 coarse sand)	3.00	cum	6805.25	20415.75
15	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	2.00	Sqm	3023.95	6047.9
16	Supplying and fixing aluminum door shutters made out of new anodised aluminum box section of size 44.50x 47.50x 2.00mm for verticals, top and middle rails and 101.60x44.50x2.00mm for bottom rail inclusive of supply and fixing of all aluminum fixtures and fittings such as handles 2 nos, 1 No of tower bolt 12mm dia 200mm long, 1 No of hydraulic door closure of IS specification , 3 nos. of 4" long(100mm) but hinges, stopper 1 No and suitable locking arrangement etc. complete all as directed by Engineer in charge etc. complete.	2.00	Sqm	3244.27	6488.54
17	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type 11, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.	2.00	Sqm	1001.74	2003.47
					456963.75
Total Amount for Part-II (Including Taxes) = Rs. (In Lakhs)				4.57	
A = Total (Part-I + Part-II) = Rs. (In Lakhs) - Including Taxes				18.97	
Tender % on A					
		In Words			In Figures
Excess					
Less					
Estimate					

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*	The bidders are required to quote the tender value on percentage (%) basis at excess or less or on par with estimated value in figures and words. Bidders are requested to fill only one row.
1	Risk Purchase : In case the contractor fails to execute the work within the scheduled time or due to any other reasons, BHEL reserves the right to get the same completed through some other party at the risk & cost of the contractor and any additional expenditure incurred due to the same shall be charged to the contractor.
2	All the materials are in the Contractor Scope Only.
3	The rates are all Including taxes.
4	The maintenance period is 12 (Twelve) Months. The security deposit will be released after satisfactory completion of the work and after getting I.R clearance and payment of final bill.
5	Penalty terms: a) In the event of delay in supply of goods and or services beyond contractual delivery date, penalty of 0.5% per week or part there of shall be levied on the gross value of work done subject to a maximum of 10% of the gross value of the total work executed. Penalty amount so determined along with GST if applicable thereon shall be recovered. b) If the contractor fails to deposit the required security deposit or commence the work within the period as per LOI/Contract, the agency will automatically be suspended from being eligible for bidding in any contract with BHEL for a period of two years from the date of notification. c) If the agency fails to commence the work as requested by the department penalty of 0.5% on the gross value of work for week delay will be applicable. Penalty amount so determined along with GST if applicable thereon shall be recovered.
6	Taxes: Bidders shall quote their Basic price inclusive of taxes. The reimbursement of taxes to the contractor is contingent upon fulfilment by the contractor of all statutory provisions as stipulated in the relevant taxation statute enabling BHEL to avail the eligible input tax credits. TDS at the rates prescribed under Income Tax Act shall be deducted from the payments due to Contractor and BHEL shall issue the necessary TDS Certificates for such deductions made.
7	The tender % age quoted by the contractor shall be inclusive of all taxes and duties as applicable from time to time.
8	IR Clearance is not required for the works less than Rs. 50,000/- (Excluding Taxes).
9	The agency has to pay the minimum wages to workers with statutory payments like ESI, PF etc., is as per BHEL notification and as per NIT. For USW= ₹ 558.00 SSW= ₹ 595.35, SW = ₹631.15 + ESI + PF + PPE's and other statutory if any increase in future DA is to be borne by the agency.
10	The agency has to bring police clearance certificate for the work force.
11	All the terms and conditions of the contract with respect to taxes & duties are subject to the new taxation laws introduced from time to time (e.g. GST). The terms and conditions will be modified in accordance with the provisions of new laws (e.g. GST).
12	Payment shall be made stage wise on approval from engineer in charge
13	Vendor shall raise GST invoice on BHEL Hyd GSTIN.
14	If BHEL is unable to avail the input tax credit, the same amount shall be recovered from the vendor bills.
15	Use of stone dust is not permitted in any civil works.
	GST CLAUSES
16	Following points to be complied with :
17	In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.
18	In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied / leviable on BHEL.
19	The bidder shall arrange to send to BHEL, Hyderabad along with all the required documents as in Purchase Order, Tax Invoice (Original for Recipient) along with his bills.
20	Vendor to ensure correct applicability of IGST/CGST/SGST/UTGST based on the Inter /Intra state movement Supply of goods and services or both.
21	Taxes and duties prevalent on the contractual delivery date or the actual delivery date (in case of delay) whichever is lower shall be applicable paid. Composition Scheme to be addressed.

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22	Vendor shall note that the Invoice has to be raised quoting HSN Code of Goods or Accounting Code of Services or both wherever applicable.
23	Invoice should mention BHEL-HPEP-HYDERABAD GSTIN: 36AAACB4146P1ZG or GSTIN of BHEL Nodal Agency as mentioned in PO.
24	In case of any short supply of goods or service Vendor has to raise a credit note for short supplied quantity as per GST provisions.
25	Any GST liability arising on BHEL under reverse charge before actual receipt of goods and or services and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other conditions specified in GST law, as applicable.
26	Supplier shall mention their GST registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.
27	A declaration to the effect that all tax liability as per GST rules and regulations shall be discharged.