



## HYDERABAD ELECTRIC SUPPLY COMPANY INVITATION TO BID

Hyderabad Electric Supply Company (HESCO) a Power Distribution Company; its core function is to supply, distribute and sell power (Electricity) in the area of 13 districts of Sindh Province invites sealed bids from the firms, who have **valid** PEC license (2022-23) in **applicable "C" category** and field of Specialization **"CE10"** having experience of 02 No. Similar Grid Station works registered with Sindh Sales Tax and Income Tax Department and who are on Active Taxpayers List of the SRB and Federal Board of Revenue for the following works.

Tender No.	Name of Work	Bid Security	Bid Submission Date & Time	Bid Opening Date & Time
GSC-27/2022	Construction of Control House Building along with Cable Trenches and Electrical Equipment Foundation and allied work at 132KV Grid Station Jam Nawaz Ali (New)	Rs. 1.8 Million	15.08.2022 (02:30 pm)	15.08.2022 (03:00 pm)
GSC-28/2022	Construction of Electrical Equipment Foundation, Cable Trenches for 02 No. Line Bay at 132KV Grid Station Kandhari for 132KV Grid Station Jam Nawaz Ali	Rs. 0.1 Million	22.08.2022 (02:30 pm)	22.08.2022 (03:00 pm)

1. All bids must be accompanied by a bid security in favour of Project Director GSC HESCO Hyderabad from any scheduled bank.
2. Bidding document can be obtained from the office of Project Director GSC HESCO Hyderabad WAPDA Water Wing Colony Hussainabad Hyderabad during office hours by eligible firms. The eligible firms should submit attested copies of CNIC, PEC License, Bank Statement of firm for Last 06 Months, completion certificates of relevant work orders, affidavit in which the bidder undertake that the firm is not black listed from any organization with other requisite documents. The eligible bidders may obtain further information from the office of Project Director GSC HESCO Hyderabad. The same is available on HESCO website at [www.hesco.gov.pk](http://www.hesco.gov.pk).
3. The bid by the firm which is ineligible as per bidding document is considered as Non Responsive.
4. The bidding document will be issue only to the owner of firm or his authorized representative. Dead line date for issuing the bidding document is one working day before opening date. Price of bidding document is Rs. 3,000/- each (Non refundable).

This advertisement is also available on PPRA website at [www.ppra.org.pk](http://www.ppra.org.pk)

**PROJECT DIRECTOR**  
GSC HESCO HYDERABAD  
Ph: 022-9260123/Fax 022-3402565  
Email: [pdgschescohyd@hotmail.com](mailto:pdgschescohyd@hotmail.com)

TENDER BOOK NO. \_\_\_\_\_

HYDERABAD ELECTRIC SUPPLY COMPANY



BIDDING DOCUMENT

TENDER NO. GSC-27/2022

CONSTRUCTION OF CONTROL HOUSE BUILDING  
ALONG WITH CABLE TRENCHES AND ELECTRICAL  
EQUIPMENT FOUNDATION AND ALLIED WORK AT  
132KV GRID STATION JAM NAWAZ ALI (NEW)

Issue to: \_\_\_\_\_  
\_\_\_\_\_

Vide DR No: \_\_\_\_\_ Dated \_\_\_\_\_

OFFICE OF THE PROJECT DIRECTOR GSC HESCO WAPDA WATER  
WING COLONY HUSSAIABAD HYDERABAD

## BIDDING DATA

(This section should be filled in by the Engineer/Employer before issuance of the Bidding Documents. The following specific data for the Works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders)

### *Instructions to Bidders*

#### *Clause Reference*

#### 1.1 Name of Employer

HYDERABAD ELECTRIC SUPPLY COMPANY

#### Brief Description of Works

**CONSTRUCTION OF CONTROL HOUSE BUILDING ALONG WITH  
CABLE TRENCHES AND ELECTRICAL EQUIPMENT FOUNDATION AND  
ALLIED WORK AT 132KV GRID STATION JAM NAWAZ ALI (NEW)**

#### 8.1 (a) Employer's address:

WAPDA OFFICES COMPLEX HUSSAINABAD HYDERABAD  
PHONE NO. 022-9260123

#### (b) Engineer's address:

PROJECT DIRECT GSC HESCO HYDERABAD

#### 10.1 Language should be in English.

#### 13.1 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

#### 14.1 Period of Bid Validity

120 days

#### 15.1 Amount of Bid Security

Rs. 1.8 Million

#### 16.5 (a) Employer's Address for the Purpose of Bid Submission

PROJECT DIRECTOR GSC HESCO HYDERABAD WAPDA WATER WING COLONY  
HUSSAINABAD HYDERABAD  
PHONE NO. 022-9260123

#### 17.1 Deadline for Submission of Bids

02:30 pm on 15.08.2022

#### 20.1 Venue, Time, and Date of Bid Opening

20.1 Venue: office of Project Director GSC HESCO Hyderabad

Time: 03:00 pm

Date: 15.08.2022

#### 29 Performance Security

Not exceeding 10% of the Contract amount (without SRB)

(Form any schedule Bank of Pakistan Only)

**FORM OF BID  
FB-1**

Bid Reference No. GSC-27/2022

**CONSTRUCTION OF CONTROL HOUSE BUILDING ALONG WITH  
CABLE TRENCHES AND ELECTRICAL EQUIPMENT FOUNDATION AND  
ALLIED WORK AT 132KV GRID STATION JAM NAWAZ ALI (NEW)**

To:

\_\_\_\_\_  
\_\_\_\_\_

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. \_\_\_\_\_ for the execution of the above-named Works, we, the undersigned, being a company doing business under the name of and address \_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such Works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of \_\_\_\_\_ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time (s) stated in Contract Data.
5. We agree to abide by this Bid for the period of 120 days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.
8. We understand that you are not bound to accept the lowest or any Bid you may receive.
9. We certified that no fake/false documents has been submitted by our firm with this Bid and Employer has right to black list our firm; in case of any documents to be proved at any stage.
10. The corresponding address of our firm is \_\_\_\_\_  
\_\_\_\_\_
11. The completion period of work is 210 days.  
Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_  
Signature \_\_\_\_\_  
in the capacity of \_\_\_\_\_ duly authorized to sign bid for and on behalf of

\_\_\_\_\_  
(Name of Bidder in Block Capitals)  
(Seal)

**CONSTRUCTION OF CONTROL HOUSE BUILDING, ELECTRICAL EQUIPMENT FOUNDATION, CABLE TRENCHES, TRANSFORMER WAY, SWITCH YARD FENCING, SWITCH YARD ELECTRIFICATION AND ALLIED WORKS AT 132KV G/S JAM SADIQUE ALI AT JAM NAWAZ ALI (NEW)**

**B.O.Q**

S.#	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	Excavation in foundation of building bridges & other structural members i/c dag belling, dressing, refilling around structure with excavated earth, watering and ramming lead up to 31 meter & lift up to 1.5 meter in ordinary soil.	Cum	2,517.918		
2	Sub-base course of pit run gravel granular material including placing, mixing & compacting to required chamber & grade with engineering mixture / fill containing 50% sand + 50% gravel and 10% cement by the volume of sand and gravel compacted to 95% dry density and according to drawing.	Cum	488.146		
3	Carriage of 3.00 Cum / 5. M. Ton of all material like stone, coal, lime surkhi etc. for trench covers from Hub River 210km.	Cum	244.073		
4	P.C.C Including placing, compacting, finishing & curing complete including screening & washing of stone aggregate without shuttering ratio 1:4:8	Cum	370.665		
5	Brick work in foundation & plinth in C/S mortar 1:6 use S.R cement.	Cum	215.740		
6	Pacca brick work in foundation and plinth other than building in 1:5 i/c striking of joints upto 3-meter height in cement sand mortar use S.R cement.	Cum	275.571		
7	Pacca brick work in foundation and plinth i/c striking of joints in 1:3 Cement Sand mortar use S.R cement.	Cum	34.870		
8	Brick work other than byilding i/c striking of joints in 1:4 Cement Sand mortar use S.R cement.	Cum	39.909		
9	Supplying, filling sand under floors or plugging in wells.	Cum	35.737		
10	D.P.C with cement sand shingio concrete 1:2:4 i/c two coats of asphaltic mixture 40mm thick	Sqm	186.718		
11	Vertical D.P.C 20mm thick cement plaster 1:2 ratio with bitumen 1Kg per Sqm.	Sqm	206.281		
12	Filling, watering ramming earth under floor with new earth excavated from outside lead upto 31M & lift upto 1.5M.	Cum	7,346.647		
13	Carriage of 3.00 Cum / 5 M Tons of all material like stone, coal, lime surkhi etc for earth lead upto 5KM	Km	7,346.647		
14	Filling, watering ramming earth under floor with surplus earth excavated from foundation.	Cum	881.270		
15	Erection & removal of centering for RCC or PCC work vertical.	Sqm	207.712		
16	PCC including placing, compacting, finishing, curing complete i/c screening & washing of stone aggregate without shuttering ratio 1:2:4 use S.R cement.	Cum	135.080		
17	PCC including placing, compacting, finishing & curing complete including screening and washing of stone aggregate without shuttering ratio 1:3:6	Cum	63.484		
18	Pacca brick work in ground floor in 1:6 cement sand mortar i/c striking of joints.	Cum	131.660		
19	S/Fabrication of intermediate grade of mild steel deformed reinforcement of 276 Mpa for RCC in slabs, beams, columns & pile caps i/c cutting, bending, & laying in position i/c cost of binding wire & removal of rust etc.	Kg	26,860.30		
20	RCC work of roof, slabs beams, columns, rafts & other structural members laid in situ of pre-cast laid in position ratio 1:2:4 complete in all respect.	Cum	278.460		
21	RCC work of roof, slabs beams, columns, rafts & other structural members laid in situ of pre-cast laid in position ratio 1:1-1/2:3 complete in all respect.	Cum	25.892		
22	P/Laying polythene sheet 0.2mm thick over two coats bitumen using 1.66kg / Sqm on roof, slab and DPC.	Sqm	1,108.614		
23	P/Laying thermo pore sheet 40mm thick on roof.	Sqm	451.167		
24	Brick tiles 225x113x38mm laid over 100mm earth 80mm mud plaster grouted with cement sand 1:3 on top of RCC roof slab provided with 1.66kg bitumen coating sand blinded.	Sqm	451.167		
25	Cement plaster 1:5 upto 1st floor height 13mm thick.	Sqm	481.066		
26	Cement plaster 1:4 upto 6 Mtr 13mm thick.	Sqm	390.244		
27	Cement plaster 1:3 upto 6 Mtr 13mm thick.	Sqm	2,014.691		
28	S/Laying Topping of cement concrete 1:2:4 i/c surface finishing & dividing into panels 50mm thick.	Sqm	556.498		
29	Mosaic flooring consisting of 13mm mosaic topping of one part of grey cement & two parts of marble chips laid over 25mm thick flooring of 1:2:4 cement concrete i/c rubbing and polishing complete 13mm thick.	Sqm	324.089		
30	Mosaic dado or skirting with one part of cement & two parts of marble chips laid over 13mm thick C/S plaster 1:3 complete with finishing & polishing 13mm thick.	Sqm	59.649		
31	Grey cement skirting or dado 10mm thick i/c rounding of corners & straightening of top edge finish to smooth surface after plastering cement sand 1:2:4	Sqm	4.013		
32	Glass strips for dividing flooring into panels 40mm wide.	Mtr.	1,003.891		
33	P/F Steel Ladder for over head tank made of angle iron 50x50x6mm with b16mm dia M.S bar step 381mm post i/c side supports of angle iron 50x50x6mm complete in all respect.	Mtr.	7.000		

34	P/F lift up shutter for garrages etc: as per approved design of Engineer Incharge.	Sqm	7.500		
35	P/F aluminum natural anodized open able double leaf door hinged without glazing.	Sqm	24.565		
36	P/F aluminum natural anodized open able leaf window hinged without glazing.	Sqm	47.740		
37	P/Fixing door lock natural anodized.	No.	9.000		
38	P/F door closer (double action) natural anodized.	No.	8.000		
39	Vinyl floor tiles laid with adhesive size 305x305x3mm rubber tiles laid in form found.	Sqm	18.818		
40	Flooring comprising of white glazed tiles 6mm thick laid in white cement mortar 1:2 over 19mm thick cement mortar.	Sqm	8.277		
41	White colour glazed tiles dado 6mm thick jointing in white cement & laid over 1:2 C/S mortar 19mm thick 1/4 finishing.	Sqm	16.392		
42	P/F Glazing with plate glass 6mm thick using PVC gas kit etc complete.	Sqm	71.012		
43	Small iron work such as guesl, plates, knees, bend straps ring etc. 1/c cutting, drilling, rovetting, assembling and fixing but excluding rendering, but 1/c erection in position.	Kg	402.080		
44	Erection and fitting in position or iron trusses staging of water tank etc.	Kg	402.080		
45	M.S Section channel.	Kg	402.080		
46	Fixing G.I plateform of 40x4mm strap flat and bottom GI tee iron 50x100x 6mmx1750mm long fixed in position complete in all respect.	Sqm	73.320		
47	P/E M.S plate 14 SWG 800mm (Trench covers) welded with angle iron 25x25x3mm fixed in position as per drawing.	Sqm	14.400		
48	White washing one coat.	Sqm	3,233.224		
49	Distempering two coats of primary coat.	Sqm	3,233.224		
50	Preparing new surface & painting of doors & windows of any type 1/c edges 1/c primary coat & each subsequent coats. (261.74+187.55x2=836.84).	Sqm	15.000		
51	Cement pointing 1:2 struck joints on wall.	Sqm	305.624		
52	Preparing surface & applying acid of chemical resistance painting (light green) over one coat of primary coat as per specification. AR No:2422-26 dt:15.11.2010	Sqm	76.972		
53	P/Fixing 15mm bar hook for fan.	No.	14.000		
54	P/Fixing cable tray 3-Way of M.S angle iron 1/c anchor bolts painting 3-coats & fixing in cable trenches.	No.	62.000		
55	P/F cable two way M.S angle iron 1/c anchor bolts painting 3 coats & fixing in cable trenches as per drawings (907.28x2=1814.56)	No.	70.000		
56	Providing lowering, laying into trenches and joints RCC pipe special lat BSS & ASI M u/c lowering jointing & Testing 1/c cutting of pipe where necessary, cost of jointing material.				
a	300mm dia	Rm	65.84		
b	255mm dia	Rm	14.000		
c	-do-	Rm	5.250		
d	150mm dia	Rm	5.000		
57	P/lowering, Laying PVC into trenches joints and testing class-D blind pipe 50mm dia for earthing under T/Way.	Mtr.	59.520		
58	Making holes upto 457mm 1/c depth in cement concrete or stone masonry walls and repairing (76mm dia).	/Hole	231.000		
59	P/Fixing MS dowel bar of 16mm 1200mm long dowel 1/c PVC or wooden sleeves, complete as per drawing.	No.	126.000		
60	Filling expension joint with bitumen 13mm thick for 102 to 152mm deep slab with bitumen mixed sand and saw & dust.	Rm	94.500		
61	P/F 90 Lbs. rail 1/c anchor bolts 40x6x460mm 610mm spacing complete in all respect as per Wapda standard drawing for T/F foundation. AR No: 2422-25 dt: 15.11.2010	Rm	12.190		
62	P/F S/Yard fencing gate complete in all respect as per drawing. AR No: 2422-25 dt: 15.11.2010	Sqm	11.020		
63	P/F G.I 750mm length 50x50x6mm angle iron fencing around S/Yard fixed in position as per drawing.	No.	74.000		
64	P/F angle iron frame S/Yard fencing with netting. AR No: 2422-25 dt: 15.11.2010	Rm	268.250		
65	P/F 4 Rows of barbed wire fencing around switch yard GI board wire 14 SWG 4 points fixed on GI angle iron 50x50x6mm post complete. WS-22,P-20-9, I-81	Rm	222.500		
66	P/F G.I earth strip size 1.25x0.15 for switch yard fencing frame with allied bolts & nuts etc: as per drawing.	No.	74.000		
67	Bitumen coating to cement concrete or plaster surface 0.6kg/Sqm.	Sqm	519.083		

68	Supply spreading water born 1-1/2" to 2" gravel in S/Yard (lead upto 210Km)	Cum	452.590		
69	Carriage of 3.00 Cum / 5. M. Ton of all material like stone, coal, lime surkhi etc, for trench covers from Hub River 210km.	Cum	452.590		
70	Extra cost of SR cement in place of O.P cement. (856-792=64).	Bag	5,371.820		
71	P/F cost iron R.W.D pipe fixed in place excluding heads & shoes but i/c clams etc: 100mm i/d.	Rm	25.968		
72	P/F shoes, bends or off sets for C.I RWD pipe i/c fixing & painting 100mm i/d.	No.	12.000		
73	P/F heads C.I RWD pipe fixed in place i/c cost of clamps hold fast painting 100mm i/d.	No.	6.000		
74	P/F Hard brass or gun metal peet valve hoavy pattern with hand wheel GI or WI pipe line laid in the ground or inside building 20mm dia.	No.	1.000		
75	P/Fixing C.I soil pipe with cement joint (1:2) sand cast 100 mm dia.	Mtr.	5.000		
76	P/F C.I soil special with cement joints 100mm dia.	No.	6.000		
77	P/Joining & Laying testing heavy water or steam quality G.I or W.I pipe and special in side bulding and trenches.				
a	13mm dia	Rm	25.000		
b	20mm dia	Rm	20.000		
78	P/Fixing white gla/rod earthen ware water closet European type domestic of best quality.	No.	1.000		
79	P/Fixing white glazed 13.5 litres capacity low level flushing cistern best quality.	No.	1.000		
80	P/Fixing white glazed earthen ware domestic W.H Basin of supreme quality 65cm.	No.	1.000		
81	P/Fixing white glazed earthen ware pedestal for W.H Basin domestic of supreme quality.	No.	1.000		
82	P/F Looking glass 560mmx405mm 1 <sup>st</sup> quality belgium without frame.	No.	1.000		
83	P/P chromium plated towel rail ring 610x20mm.	No.	1.000		
84	P/F C.I bracket for W.H Basin.	No.	1.000		
85	P/F waste coupling CP 32mm dia W.H Basin.	No.	1.000		
86	P/F waste pipe for W.H.Basin & flush tank 32mm dia C.P brass.	No.	2.000		
87	P/F rubber chain with plug 40mm dia for W.H. Basin.	No.	1.000		
88	P/F PVC flushing bond 32mm dia for W.C.	No.	1.000		
89	P/F 13mm dia PVC connection.	No.	2.000		
90	P/F 13mm C.P shower rose.	No.	1.000		
91	P/P S-trap 102mm i/c China ware Pak etc.	No.	1.000		
92	P/F floor trap 100mmx50mm i/c 150mm concrete chamber all around with C.P grouting.	No.	2.000		
93	P/F 100mm dia gully trap of C.I 305x305mm masonry chamber & C.I grating 150x150mm.	No.	2.000		
94	P/F C.P stop cock 13mm dia.	No.	3.000		
95	P/F C.P bib tap 13mm dia.	No.	3.000		
96	P/F C.P pillar cock 13mm dia.	No.	1.000		
97	P/F glass shelves 610x125mm with C.P bracket with railing.	No.	1.000		
98	P/F soap dish chromium plate.	No.	2.000		
99	Wiring for light or fan point with (3/.029) PVC insulated wire in 19mm/1.5 PVC conduit recessed in the wall or column complete with switch plastic plate ceiling rose baton holder.	Point	80.000		
100	P/F hard drawn bar copper wire 3mm as earth continuity conductor wire with any given main or sub-main with all accessories.	Rm	320.000		
101	P/F flush type 3-pin 5-Amp: SP plug socket switch combined fixed on MS/C, I box on surface complete with C.I Box.	No.	6.000		
102	P/F flush type 3-pln 15-Amp: S.P plug socket and switch as replacement complete with board.	No.	14.000		
103	P/F patti fitting 24 SWG MS sheet painted with white stone enameled paint complete with chock Ecco/EKKO 40-W holder starter & tube light.	No.	50.000		
104	Providing & fixing ACS' exhaust fan 457mm 18" sweep i/c carriage from market to destination and erection with accessories wire 3/.029" PVC cable complete.	No.	6.000		

105	Supply & erection of ceiling fan best quality Pak made i/c wiring of down rod with shade or canopy 1/1.13mm (3/029) PVC wire fixing of regulator complete (c) 1422mm (56") sweep.	No.	14.000		
106	Wiring for main with 2-1/7/0.085 (7/036) PVC Insulated wire 660-V grade in 25mm PVC conduit recessed as required.	Rm	280.000		
107	P/F emergency D.C light with 1x100 Indecent 110-V lamp in C.H Building. AR No: 2422-25 dt: 15.11.2010	No.	8.000		
108	Wiring for main with 2-1/7.1.04 (7/044) PVC insulated wire in 25mm PVC conduit recessed in wall as required.	Rm	300.000		
109	P/F brass bracket 229mm size fitted with brass lamp holder & 25mm EI-shade.	No.	8.000		
110	P/F butterfly shutter for 457mm (18" sweep) exhaust fan complete.	No.	6.000		
111	P/F distribution board 3-phase 60-Amp: 400-V, 3-way per phase with one i/c circuit breaker 30-Amp: T.P & out going brackets 6-30 Amps: complete with N Link in wall recessed.	No.	2.000		
112	Extra costs of labour and material for red oxide pigment in cement pointing to match with brick color.	Sqm	305.620		
113	Flat brick in flooring laid 1:6 ratio cement sand mortar over a bed of 20mm thick cement mortar.	Sqm	131.500		
114	Supply of G.I pipes 50mm dia (2" dia).	Rm	131.000		
115	Supply of PVC pipes 32mm dia (1" dia).	Rm	70.000		
116	Wiring main 2 1/7/0.38 PVC insulated wire 660V grade copper cable 4mm (25mm).	Rm	230.000		
117	Wiring for light or fan point with (3/029) PVC insulated wire in 19mm/1.5 PVC conduit recessed in the wall or colum complete with switch plastic plate ceiling rose baton holder.	/Point	40.000		
118	Wiring for main with 2-1/7/0.085 (7/052) PVC insulated wire 10-V grade in PVC conduit recessed as required.	Mtr.	125.000		
119	P/F hard drawn bar copper wire 2.076mm as earth continuity conductor wire with any given main or sub-main with all accessories.	Mtr.	300.000		
120	P/F top Lantern size 24" complete with mercury vapor lamp & connection box etc: A.R No.2422-25 dt: 13.11.2010.	No.	9.000		
121	P/F distribution board 3-phase 30-Amp: 250-V, 3-way per phase with one i/c circuit breaker 30-Amp: T.P & out going brackets 6-30 Amps: complete with chain Link in wall recessed.	No.	1.000		
122	P/F 250 W lighting NV 15 with MP/ N 250-W mercury flourcent lamp Philips make. AR No: 2422 25 dt: 13.11.2010	No.	9.000		

<b>Grant Total Rs.</b>	
<b>Discount (if any)</b>	
<b>Total amount after discount</b>	
<b>Add 13% SRB Tax Rs.</b>	