

Government of India
Department of Atomic Energy
Global Centre for Nuclear Energy Partnership
Kheri Jasaur, Bahadurgarh, Haryana 124 505

TENDER ENQUIRY

Ref: GCNEP/17/11-21

Date: 08/11/2017

To,

| | | |
|---|--|---|
| 1 | Name of work | Works related to Fabrication, Supply & Installation of Customised High Performance LED Display Board sat GCNEP Campus, Kheri-Jasaur, Bahadurgarh, Haryana, as per the specifications detailed in Annexure-I & Financial Bid in Annexure-II. |
| 2 | Location of work | Kheri-Jasaur, Bahadurgarh, Haryana |
| 3 | Estimated Cost | Rs. 19,90,000/- (Rupees Nineteen Lakh Ninety Thousand only) |
| 4 | Period of Completion | 1 month |
| 5 | Security Deposit | 10% of the gross amount; deductible from the final bill of the contractor. |
| 6 | Due date & time for submission of quotations | 30/11/2017 up to 16:00 Hrs |
| 7 | Place for Submission | The address on the envelop should read: Project Director, Global Centre for Nuclear Energy Partnership (GCNEP), Kheri Jasaur , Bahadurgarh, Haryana -124505 |
| 8 | Place of opening | 01/12/2017 at 11.00 Hrs; Address: Atomic Minerals Directorate, 7, West Block, RK Puram, New Delhi, Delhi 110066 |
| 9 | The quotation must be sent in a Sealed envelope Super-Scribed with the Reference Number & Due Date given above. The quotations must be sent by either Registered Post OR Speed Post Services of India Post OR delivered By Hand against receipt on any working day at above address from 11:00 hrs to 16:00 hrs. | |

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Project Director, GCNEP

Annexure-I

Title: Works related to Fabrication, Supply & Installation of Customised High Performance LED Display Boards at GCNEP Campus, Kheri-Jasaur, Bahadurgarh, Haryana as per the specifications detailed below:

Description: The proposed work is to be carried out at GCNEP, Kheri-Jasaur, Bahadurgarh, Haryana. The agencies willing to take up this work can plan a visit to office site for mapping the exact requirements. Such a visit, however, must be with a prior intimation to & approval of this office.

Scope of Work: The works shall be carried out as per the instructions of Engineer-in-charge present at site. The works also involves laying of supporting electrical cables & electrical points to make the system fully functional. All materials including cables & connectors used, shall be branded and of repute make. Such material should be used only after approval of the Engineer-in-charge.

A. Detailed Specifications

Technical specifications of the items:

| | | |
|----|---|--|
| 1. | Double Side Clip-on Display Board | <p>Frame details:-</p> <ul style="list-style-type: none">a. Panel Frame Material: Aluminiumb. Frame Type: Rectanglec. Thickness of frame: 100 mmd. Panel Frame Dimensions: 32mm on all four sidese. Overall frame size: 4ft x 3ft (Portrait)f. Display Screen Dimension: 45.5 in X 33.5in (Portrait)g. Front: 3.8mm tempered glass/polycarbonate/acrylic & 1mm clear acrylich. Back: Sun board 2mmi. Display Screen: Double Sidej. Having clip on arrangement for replacement of posters <p>Floor stand System:-</p> <ul style="list-style-type: none">k. Material : Aluminiuml. Height from floor: 1 inchesm. Type: Adjustable <p>LED details:-</p> <ul style="list-style-type: none">n. LED Meshing with No of LEDs: LED strip /120 led's per running metreo. Illumination: Edgelitp. LED Model No. : 3528 or equivalentq. LED Type: ILED Stripr. Power Consumption: 2As. Voltage Requirements: 12Vt. Colour Temperatures:3000Ku. Operating Temperature: 2400-2700Kv. Surface Colour: WHITEw. Driving IC: MB15020 or equivalentx. Screen Lifetime≥100,000 hoursy. Protection Level: Front IP65 / Rear IP54 |
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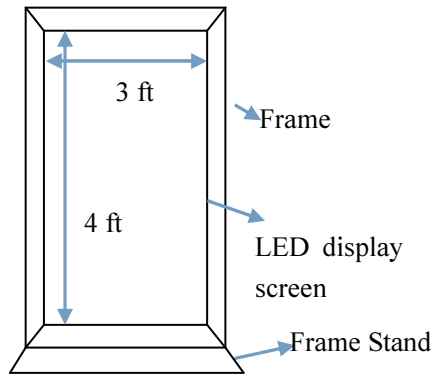


Fig 1: Typical Doubler Side Display Board

Frame details:-

- a. Panel Frame Material: Aluminium
- b. Frame Type: Rectangle
- c. Thickness of frame: 100 mm
- d. Panel Frame Dimensions: 5ftx7.5ft (Portrait)
- e. Overall frame size: 4ft x 3ft (Portrait)
- f. Display Screen Dimension: 45.5 in X 33.5in (Portrait)
- g. Front: 3.8mm tempered glass/polycarbonate/acrylic & 1mm clear acrylic
- h. Back: Sun board 2mm
- i. Display Screen: Double Side

LED details:-

- a. LED Meshing with No of LEDs: LED strip /120 led's per running metre
- b. Illumination: Edgelit
- c. LED Model No. : 3528 or equivalent
- d. LED Type: ILED Strip
- e. Power Consumption: 2A
- f. Voltage Requirements: 12V
- g. Colour Temperatures:3000K
- h. Operating Temperature: 2400-2700K
- i. Surface Colour: WHITE
- j. Driving IC: MB15020 or equivalent
- k. Screen Lifetime≥100,000 hours
- l. Protection Level: Front IP65 / Rear IP54

Floor stand System:-

- a. Material : Sheet Metal Powder Coated
- b. Type: Adjustable

2.

High performance LED display board



Fig 2: Typical High performance LED display board

| | | |
|----|--|---|
| | | <p>Frame details:-</p> <ol style="list-style-type: none"> a. Panel Frame Material: Aluminium b. Frame Type: Rectangle c. Thickness of frame: 100 mm d. Panel Frame Dimensions: 8ftx7.5ft (Landscape) e. Display Screen: Double Side monitor & having a total of three (03) LED display monitors <p>Monitor Details</p> <ol style="list-style-type: none"> a) LED Display Monitor Screen: One LED Display Monitor Screen on each side (total 3 Nos) b) Screen Size (inch): 60 or more inches c) Body Colour: Black/ Titanium Plus d) Aspect Ratio: 16:9, Just scan, Original, Full Wide, 4:3, 14:9, Cinema Zoom e) Resolution: Full HD (1920 x 1080) p f) Panel Type: IPS or Equivalent g) Wall Mounting Set: One Set h) Smart Features: Meracast, Smart Remote, WiDi, Smart Share Support, Wi-Fi, Wi-Fi Direct, Smart Sound Mode, Smart Energy Saving i) Viewing Angle: More than 175 degree j) Present Sound & Colour Control Yes k) Plug & Play Dongle: 3G/4G/Internet l) Analog TV Tuner: Yes m) Picture & Sound Mode: 5 Types n) All Round Protection: Lightning/ Humidity/ Summer Heat/ Dust/ Voltage Fluctuation Protection o) Dolby Digital Decoder: Yes p) DTS Decoder: Yes q) Sound Output (rms): Approx. 20 W r) Web Browser Support: Yes (WebOS 3.0 or Equivalent) s) Picture Support: JPEG, JPS, MPO t) Language Support: English, French, Spanish, Italian, Vietnamese, Russian, Arab, Korean u) HDMI Port: 2 No v) USB Port: 2 No w) Compliance: BEE Standard x) Power Supply: Compatible with Indian Power Supply Standards & less than 2 |
| 3. | High performance LED monitor based display board | |

| | | |
|----|---|---|
| | | <p>W in standby mode</p> <p>y) Preferred Make: Of reputed brand</p> <p>Note: A total of three (03) LED monitors form one set of High performance LED monitor based display board</p> |
| 4. | Physical payment | <p>a) Physical payment of surface tiles within area of 300 m² with interlocking Cement Paver Tiles</p> <p>b) Preparation of area for physical payment</p> <p>c) 80 MM thickness or more</p> <p>d) Made using Rubber / Plastic Mould filled with concrete placed over vibratory compactor</p> <p>e) Compressive strength of Cement Tile is 30 MPa (M-30)</p> <p>f) Red colour preferably</p> <p>g) Drilling M-16 dimension 04 holes on the VMS cabin of thickness approx 8 mm</p> <p>h) Drilling M-16 dimension 04 holes on the VMS cabin concrete foundation</p> <p>i) Grouting the VMS cabin on the VMS foundation on all four sides with M-16 SS bolts</p> |
| 5. | GI pipe for communication & power cable | <p>a) Preparation of trench for laying pipe: involves coal-tar road cutting upto a 6 inch depth & 5 inch width</p> <p>b) Laying of 30m running length 3 inch diameter GI pipe of approved brand</p> <p>c) Filling of cut trench after laying GI pipe</p> |
| 6. | Elbow & foot operated tap system | <p>a) Stainless steel elbow operated Tap system for wash room of approved brand</p> <p>b) Stainless steel foot operated Tap system for wash room of approved brand</p> |
| 7. | LAN Connectivity | <p>a) LAN cable of approx 300 m running length exists between VMS cabin & Server Room</p> <p>b) Testing of LAN cable physical connectivity between VMS cabin & Server Room</p> <p>c) Putting 4 Nos each LAN Switch & LAN repeater of approved brand for signal strength enhancement</p> <p>d) Testing of VMS data coming into Server room</p> |

- Note: 1. The contents for each poster for display boards will be provided at the time of placing of Work Order.
2. Aluminium used will be anodised in raw colour.
 3. All dimensions are within 2% tolerance or approved by Engineer in-charge.
 4. All fit & finish should be smooth or approved by Engineer in-charge.
 5. No sharp edges on outside surfaces.
 6. Minor changes can be allowed with prior written approval of Engineer in-charge.

B. Terms and Conditions

1. Bidder/Agency/Contractor should be an Indian Registered Company.
2. Bidder must have at least three (03) years of works experience for fabrication, installation and commissioning of various types of sign-boards in India, ending previous day of the last day of submission of bid.
3. Bidder should not have been blacklisted in the last five years from any state/central government due to gross violation/breaching of tender clauses.
4. A single party based turn-key solution is invited to ensure installation & operational consistencies. Partial quotes/ quotes for partial works are liable to be rejected without any further correspondence.

5. The contractor shall not sub-contract any part or all the work without written consent from GCNEP, if at all required.
6. Bidders are requested to quote for above works as per the enclosed specifications given in Annexure-I.
7. Bidder should clearly confirm that all the facilities, equipment, tools are available in his factory for inspection and testing and these will be made available to the purchaser or his representative for inspection & should provide in-house test certificates along with product specifications.
8. Bidder shall quote for entire work including fabrication, supply & installation of the supplied items along with accessories and their integration with existing system as application as per tender specifications.
9. The works shall be subjected to inspection by our Engineer in Charge. The finished components shall not be dispatched to site prior to approval by our Engineer in charge OR departmental representative at bidder's premises. Necessary inspection facilities should be provided to them during fabrication and inspection at bidder's premises.
10. The bidder shall deliver the finished components after approval by our Engineer in charge within the completion period effective from the date of issue of work order to the bidder. The items required shall be installed at GCNEP, Kheri-Jasaur, Bahadurgarh, Haryana, PIN-124505. Any delay which is attributable to the contractor is liable for penalty @ 1%/ week after completion period.
11. Project Director, GCNEP reserves the right to accept / reject any or all quotations without assigning any reason.
12. Quotation must also indicate the validity of offer. The offer should be valid for a minimum of 90 days.
13. If required, the interested bidders can plan a visit to Office Site for mapping the exact requirements but with a prior intimation & approval of Engineer in charge only. Drawings / Sketches (if any) must be returned along with the offer.
14. There is no free issue material. All items/material to be supplied/ used should be brand new and factory manufactured condition. All material used including the color, texture, shade etc. wherever applicable should be with a prior approval of Engineer in charge.
15. A security deposit of 10% of the gross amount is deductible from the final bill of the bidder. The security deposit shall be refunded to the contractor after the expiry of the guarantee period (i.e. one year from issue of Completion Certificate).
16. Unless otherwise specifically mentioned, design, manufacture, testing & performance of all items shall conform to the latest edition of the applicable codes/ standards.
17. The safety & security of personnel, material & machinery shall be the responsibility of the contractor. Contractor should have a qualified person carrying out the job.
18. Payment Terms: single bill payment.

C. Eligibility criteria:

1. Copy of PAN/TAN Card/ GST No.
2. Average Annual Turnover of company for the last three years shall not be less than 100% of the estimated cost. CA Certificate of Financial Turnover for the last three consecutive financial years should be furnished.

D. On-site support & warranty:

1. All material supplies, installation & workmanship should include an on-site warranty of minimum one year after the satisfactory completion of the work and acceptance by Engineer-in-Charge for above work.
2. GCNEP may lodge complaints by any mode i.e. phone, e-Mail etc.

3. All items should be maintained in working/ usable condition by the bidder at no extra costs for entire warranty period. The visit of engineers/ technicians of the Agency to the office premises shall be arranged by the bidder at no extra cost during the warranty period.
4. In the event the Agency does not attend to the service calls of the office within the stipulated time, GCNEP reserves the right to get the items/parts repaired/replaced through other Agencies or individuals, the expenditure incurred thereby shall be recovered from any payments due to the Agency.
5. If at all, any asset or its part shall require to be moved out of this office premises for rectification of any complaint, then written permission is to be sought, specifying the details of the items to be taken out of office and reasons thereof. Safety & security as well as the transportation of assets to the Agency's premises and vice versa shall be at the risk and cost of the Agency.
6. Defective parts shall be replaced by new parts of the same model & make and the cost of replacement shall be borne by the Agency. In the event of such new part not being compatible with the existing part, such existing part shall also be replaced with the new original part. The contractor shall keep sufficient stock of all spare parts of assets and standby assets.

Annexure-II

(Financial Bid)

Name of the Agency/Bidder:

Offer details to be enclosed, as per Annexure-I.

(Please attach the details on all material/ make/ model etc, for the items under the proposed works)

The offer should specify total cost of works, with details of taxes, duties, transportation, installation charges, services charges etc, as applicable.

Schedule of Quantities and Rates

| Sr. No. | Item Description | Quantity | Unit Cost (inclusive of all taxes) (Rs.) | Total Cost (inclusive of all taxes) (Rs.) |
|--------------------|---|----------|---|--|
| 1. | Fabrication, Supply & Installation of Double Side Clip-on Display Board as per Specifications detailed in Annexure - I | 05 Nos. | | |
| 2. | Fabrication, Supply & Installation of High performance LED display board as per Specifications detailed in Annexure - I | 16 Nos. | | |
| 3. | Fabrication, Supply & Installation of High performance LED monitor based display board as per Specifications detailed in Annexure - I | 01 No | | |
| 4. | Fabrication of physical payment surface near VMS & VMS cabin as per Specifications detailed in Annexure - I | 1 set | | |
| 5. | Laying of 3 inch GI pipe for communication & power cable between two limbs of VMS as per detailed Specification in Annexure - I | 30 m | | |
| 6. | Laying elbow & foot operated tap system within wash room as per detailed Specification in Annexure - I | 01 set | | |
| 7. | LAN Connectivity of VMS cabin to Server Room including Switches & Repeaters as per detailed Specification in Annexure - I | 01 set | | |
| Grand Total | | | | |

Note: The contents for each poster will be provided at the time of placing Work Order.

This is to certify that before signing this offer I/We have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them. This offer is valid for 90 (Ninety) days.

Place:

Date: /___/_____

Signature

Name of the Signatory

Name of the Agency

Seal of the Agency