

Notice Inviting Tender

for

LED Signage

at

**All India Institute of Medical Sciences,
Bhubaneswar**

No	DME Stage	Start Date & Time
1.	NIT No.	Tender Enquiry No. AIIMS/BBSR/MS/14/116
2.	Date of Publication of NIT	25 th November 2014
3	Date & Time of Pre Bid meeting	1 st December 2014 at 03.00PM
4.	Last Date & Time of submission of Tender	11 th December 2014 at 03.00PM
5	Date & Time of opening of Tender	11 th December 2014 at 03.30 PM

**All India Institute of Medical Sciences,
Sijua, Patrapada, Bhubaneswar – 751019
Odisha**

Tele: 0674- 2476500, email: admin@aiimsbhubaneswar.edu.in

Website: www.aiimsbhubaneswar.edu.in

SHORT NOTICE TENDER

**For “LED Signage”
AIIMS, Bhubaneswar, Sijua, Patrapada,
Bhubaneswar - 751019**

Date:

On behalf of the Director, All India Institute of Medical Sciences, Bhubaneswar tender in sealed cover are invited under two-bid system from manufacturers and their authorized dealers/ distributors for providing LED Signage for AIIMS Bhubaneswar.

The interested manufacturers and their authorized dealers/ distributors are required to submit the technical and financial bid separately. The bids in Sealed Cover-I containing “Technical Bid” and Sealed Cover-II containing “Financial Bid” should be placed in a third sealed cover super scribed “**Tender for LED Signage**” and should reach at the office of “**The Administrative Officer, AIIMS, Bhubaneswar (Odisha) - 751019**”, by or before on 11th December 2014 at 03.00 PM. The bid received after due date and time will not be entertained whatsoever may be the reason. The technical bids shall be opened on the same day at **03.30 PM** at AIIMS, Bhubaneswar. In the event of any of the above mentioned date being declared as a holiday / closed day, the tenders will be opened on the next working day at the appointed time. The date of opening of financial bid of technically qualified agencies will be announced in the official website of AIIMS, Bhubaneswar. No paper publication shall, however be made for Financial Bid.

The tender document containing technical bid form, financial bid form, technical description/specification & item and terms & conditions can be downloaded from website www.aiimsbhubaneswar.edu.in. Demand Draft/Pay Order for Rs. 2100 /- (Rupees two thousand one hundred only)(including VAT 5%) (non-refundable) in favour of “**AIIMS, Bhubaneswar**”, payable at **Bhubaneswar**, against cost of the tender document along with their technical bid in the Cover-I “Technical Bid”. The amount of bid security (EMD) for “**LED Signage**” for AIIMS Hospital of Rs. 50,300/- (**Rupees Fifty thousand three hundred only**) of tender documents should be paid by BG in favour of “**AIIMS, Bhubaneswar**” payable at **Bhubaneswar** and will be placed in cover-I with technical bid. The Tender Documents are not transferable. The tender document may be downloaded from the official website of AIIMS, Bhubaneswar.

Any future clarification and/or corrigendum(s) shall be communicated through Administrative Officer on the AIIMS, Bhubaneswar website: www.aiimsBhubaneswar.edu.in.

**Administrative Officer
AIIMS, Bhubaneswar**

**LED signage on
Terrace of Hospital Building
AIIMS, Bhubaneswar
Terms & Conditions**

(A) Information and Conditions relating to Submission of Bids

1. The tender document containing eligibility criteria, scope of work, terms & conditions and draft agreement can be downloaded from website www.aiimsbhubaneswar.edu.in. Those who download the tender document from Website should enclose a Demand Draft/Pay Order for Rs 2100/- (Rupees two Thousand one hundred only) (including VAT 5%) in favour of **“AIIMS, Bhubaneswar”**, payable at Bhubaneswar, not later the date of 14th day, along with their bid in the Cover-I containing “ Technical Bid” .
The fee is non-refundable.
2. The interested firms/suppliers are required to submit the Technical and Financial Bids separately in the format enclosed. The bids in sealed Cover-I containing **“Technical Bid”** and sealed Cover-II containing **“Financial Bid”** should be placed in a third sealed cover super scribed **“Tender for SITC of LED signage made up of LED Lit Acrylic Letters”** should reach AIIMS, Bhubaneswar by or before **11th December 2014 at 03.00 PM**. The Technical bids shall be opened on same day at **03.30 PM** at AIIMS, Bhubaneswar in presence of the bidders or their authorized representatives who choose to remain present. The Tenders received after due date & time will be rejected and no claim shall be entertained whatsoever may be the reason.
3. The tenderers are required to be present in the pre bid meeting scheduled to be held on 1st December 2014 at 3.00 PM at Board Room, Academic Building , AIIMS, Bhubaneswar to clarify their doubts if any regarding tender. If anybody will not be present in the pre bid meeting then it will be understood that the bidder does not have any doubt in any respect regarding publication of said tender, in other words tender is clear to him.
4. All the duly filled/completed pages of the tender should be given serial /page number on each page and signed by the owner of the firm or his Authorized signatory with full name and seal. In case the Authorized signatory signs the tenders, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page with full name and seal and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.
5. All entries in the tender form should be legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory with full name and seal may be attached. No overwriting or cutting is permitted in the Technical Bid as well as Financial Bid unless authenticated by full signature with seal of Tenderer. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filed up carefully by the tenderer. All

Corrections in this schedule must be duly attested by full signature and seal of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.

6. The Tenderer shall pay an amount of Rs 50,300/- as Bid Security (EMD) along with the Technical Bid in the form of BG in favour of **“AIIMS, Bhubaneswar”** drawn on Scheduled / Nationalize Bank and payable at Bhubaneswar and must be valid for (3) Three month. Bids received without EMD shall stand rejected and thus shall not be considered for evaluation at any stage. The original EMD will be put in cover-I containing Technical bid.
7. The bid security (EMD) without interest shall be returned to the unsuccessful Tenderers after finalization of contract. The EMD of successful bidder shall be returned in furnishing of performance security.
8. The successful Tenderers have to constitute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) and also required to furnish the Performance Security **5%** of contract value in the form of FDR of Scheduled/ Nationalize bank pledged in favour of AIIMS, Bhubaneswar & payable at Bhubaneswar only, with validity up to **60 days** beyond all contractual obligations. If the successful tenderer fails to furnish the full performance security within 15 (fifteen) days after the issue of Letter of Award of Work, his bid security (EMD) shall be forfeited unless time extension has been granted by AIIMS, Bhubaneswar.
9. The EMD shall be forfeited if successful bidder fails to SITC(supply, installation, Testing and commissioning) the LED signage as per design and specifications in stipulated time or fails to comply with any of the terms & conditions of the contract or fail to sign the contract.
10. The bid shall be valid and open for acceptance of the competent authority for a period of 180 (One Hundred Eighty) days from the date of opening of the tenders and no request for any variation in quoted rates and / withdrawal of tender on any ground by Tenderer shall be entertained .
11. To assist in the analysis, evaluation and computation of the bids, the Competent Authority, may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.
12. After evaluation, the work shall be awarded normally to the Agency fulfilling all the conditions and who has quoted the lowest rate as per financial bid after complying with all the Acts / provisions stated / referred to for adherence in the tender.
13. The competent authority of AIIMS, Bhubaneswar reserved all rights to accept or reject any/ all tender(s) without assigning any reason thereto. It can also

impose/relax any term and condition of the tender enquiry after due discussion in pre bid conference. This will be communicated to all tenderers' in writing. AIIMS, Bhubaneswar also reserves the right to reject any bid, which in his opinion is non-responsive, or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the Tenderer in the process.

14. Tender must be submitted on the prescribed Tender Form otherwise tender will be cancelled straightway.
15. Canvassing in any form is strictly prohibited and the tenderer who are found canvassing are liable to have their tenders rejected out rightly. Family members of any employee of AIIMS, Bhubaneswar are not eligible to participate in the tender.

(B) OTHER TERMS & CONDITIONS OF THE TENDER

1. Rates quoted should be inclusive of all applicable taxes, packing, forwarding, postage and transportation charges at FOR AIIMS Bhubaneswar along with SITC(supply, installation, Testing and commissioning) .
2. All the rates should be mentioned in Indian national currency (INR) only. The rates quoted in foreign currency will not be entertained in this tender enquiry & such tenders will be cancelled straightway.
3. Rates should be mentioned both in figures and in words. The offer should be typed or written in Ink Pen/ Ball Pen without any correction. Offers in pencil will be cancelled. Telegraphic/ Telex/ Fax offers will not be considered and cancelled straightway.
4. The supplier shall submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- that they have not quoted the price higher than previously supplied to any government Institute/Organisation/Hospital/similar Private Organisation or DGS&D rate in recent past. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender; the Institute (the purchaser) would be given the benefit of lower rates by the Supplier. **If such affidavit is not submitted, tender will be out rightly rejected.**
5. If the price/prices of the contracted articles is/are controlled by the Government, in no circumstances the payment will be higher than the controlled rate.
6. Tender will be regarded as constituting an offer open to acceptance in whole or in part at the discretion of the competent authority of the institute for a period of 180 days (6 months) valid from the date of opening of the tender by the committee.

7. The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply. In such a case, bid security of the supplier shall stand forfeited.
8. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged.
9. In case the tenderer on whom the supply order has been placed, fails to made supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (AIIMS, Bhubaneswar) may recover from the tender the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by tenderer. In case of repeated failure in supplying the order goods the supply order may be cancelled and bid security deposit will be forfeited.

10. Terms and Mode of Payment

10.1 Payment Terms

Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.

- 10.2 70 % payment of the contract price shall be paid on receipt and installation of goods in good condition at the consignee premises and balance 30% will be paid after one month on receipt of proper functioning from the concern Dept. / Division.
- 10.3 The supplier shall not claim any interest on late payments under the contract.
- 10.4 Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.
- 10.5 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to the consignee.

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- 10.6 While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract also supplier has to submit the test certificate of LED other electrical components from the original manufacturer with the supply of materials to site.
- 10.7 While claiming reimbursement of duties, taxes etc. (like sales tax, excise duty, custom duty) from the Purchaser/Consignee, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the supplier) shall refund to the Purchaser/Consignee forthwith.
- 10.8 In case the supplier is not in a position to submit bill for the balance payment for want of receipted copies of Inspection report from Engineering Department of AIIMS, BBSR Note from the consignee and the consignee has not complained about the non-receipt, shortage, or defects in the supplies made, balance amount will be paid by the paying authority without consignee's receipt certificate after three months from the date of the preceding part payment for the goods in question subject to the following conditions:
- 10.9 Warranty- The warranty on LED Signage including accessories shall be for a period of 05 (Five) years from the date of commissioning.
- 10.10 CMC – CMC shall be @5% of the original/ bank cost increasable @ 3% from 6th to 10th year. The CMC should be mentioned in a separate sheet, but not in the Financial Bid. Resorting to CMC is optional for the institute.
- 10.11 The up-time guarantee shall be 99% of the 365 days a year. The downtime penalty shall be twice the period beyond 1% of 365 days to be extended on warranty period or penalty of Rs. 1000/- on each night.
11. The Specification and quantity of the item needed is mentioned in Financial Bid but subject to increase/decrease at the discretion of the competent authority of AIIMS, Bhubaneswar. The payment would be made for actual supply taken/work done and no claim in this regard should be entertained.
12. Where the specifications are as per tenderer's range of product & tenderer's offer should mention that the item meets all specifications as per the tender enquiry and if there are improvements/deviations the same should be brought out on separate Letter Head of the firm. It would be discretion of the competent authority of the institute to accept or reject such deviations which are not in accordance with our required specifications.

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13. It must be mentioned clearly whether tenderer is a manufacturer/sole distributor/sole agent for the items for which he is quoting.
 - a. Manufacturer must add a certificate that item(s) is manufactured by them as per range of products.
 - b. Sole Manufacturers must add a certificate that they are the sole manufacturer of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole manufacturers that the Rates quoted are the same as they quote to other State/Centre Govt./Similar Private Organisation and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
 - c. Authorized agents must add authority letter from their Manufacturer / Principals on the letter head of the manufacturer/principals in proforma given in attach duly supported by a notarized affidavit on Indian Non Judicial Stamp Paper of Rs.10/- (Rupees ten only) that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.
14. The tenderers should submit along with the tender, a photo state copy of the last 3 years Income Tax return and copy of current valid Income Tax Clearance Certificate (IT CC) otherwise tender may be ignored.
15. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender failing, which the tender will not be considered. Descriptive literature /catalogues must be attached with the tender in original failing which tender may be ignored.
16. Any failure or omission to carryout of the provisions of this supply by the supplier shall not give rise to any claim by supplier and purchaser one against the other, if such failure or omission arise from an act of God which shall include all acts of natural calamities from civil strikes compliance with any status and or requisitions of the Government lockout and Strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to force majeure to be proved on record.

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17. The Courts at Bhubaneswar (Odisha) alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/supply Order/contract.

18. If at any time, any question, dispute or difference whatever shall arise between supplier and the institute (Purchaser) upon or in relation to or in connection with the agreement, either of the parties may give to the other notice in writing of the existence of such a question, dispute or difference and the same shall be referred to two arbitrators one to be nominated by the institute (Purchaser) and the other to be nominated by the supplier. Such a notice of the existence of any question dispute or difference in connection with the agreement shall be served by either party within 60 days of the beginning of such dispute failing which all Right sand claims under this Agreement shall be deemed to have been forfeited and absolutely barred.

Before proceeding with the reference the arbitrators, if necessary, may appoint/nominate an umpire. In the event of the arbitrators not agreeing in their award the Umpire Appointed by them shall enter upon the reference and his award shall be binding on the Parties. The venue of the arbitration shall be at Bhubaneswar, (Odisha, India). The arbitrators/Umpire shall give reasoned award.

19. The supplier should mention the compliance to the specification in the technical bid of the tender document failing this, the bid document will be disqualified.

20. The bidder must have executed one similar completed work each of value not less than 80% of the estimated cost or two similar completed works each of value not less than 60% of the estimated cost of three similar completed work each of value not less than 40% of the estimated cost within last seven year Govt. sectors, PSUs, Hospitals, other big similar organisations etc., and should submit the completion certificate.

21. AIIMS Bhubaneswar reserves the right to reject any or all tenders without assigning any reason thereto.

I / We hereby accept the terms and Conditions given in the tender

(Signature of the Tenderer)

Seal –

Date –

Email ID –

Note- Please sign each page of document including terms & conditions & tender

SPECIAL CONDITIONS

1. The Tenderers should submit the relevant certificates / evidence of previous supply to other hospitals. If required, the technical committee may enquire from the other Places where the bidders have supplied the material.
2. Undertaking of the tenderer not having been blacklisted before.
3. If ask the bidders shall also arrange for the demonstration of their Equipment to the concerned committee regarding the quality aspect.

Declaration by the Bidder:

1. This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained in Tender document regarding terms & condition of the contract, rules regarding SITC(Supply, Installation, Testing and commissioning) as per design and specifications of LED signage. I/we agree to abide them.
2. No other charges would be payable by Client and there would be no increase in rates during the Contract period.

Place:.....

(Signature of Bidder with seal)

Date:.....

Name :

Seal :

Address:

MANUFACTURER's / PRINCIPAL's AUTHORIZATION FORM
(Clause 12 (c) of the tender)

To

The Administrative Officer,
All India Institute of Medical Sciences Bhubaneswar

Dear Sir,

TENDER: _____.

We, _____, who are established and reputable manufacturers of _____, having factories at _____ and _____, hereby authorize M/S _____ (name and address of agents) to bid, negotiate and conclude the contract with you against Tender No. _____ for the above goods manufactured by us. No company or firm or individual other than M/S _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.

We hereby extend our full guarantee and warranty as per the conditions of tender for the goods offered for supply against this tender by the above firm.

The authorization is valid up to _____

Yours faithfully,

(Name)

For and on behalf of M/S _____

Name of manufacturers)/Principal.

Annexure-I

TECHNICAL SPECIFICATIONS of LED signage to be installed on the terrace of Hospital Building.

Sl No	Items with specification	QTY	Exact details of the product quoted by the tenderer
a)	<u>P.C.C. (1:1.5:3):</u> Providing and laying in position ready mixed plain cement concrete, using fly ash and cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centring, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charges etc., All works above plinth and upto floor V level : M-15 grade plain cement concrete (cement content considered @ 240 kg. /cum)	20.088 cum	
b)	<u>M.S. Angle:</u> Providing and fixing M.S. angle 50x50x5 mm to act as nosing with lugs of M.S. flat 10x5 mm, 10 cm long, forked at end 60cm apart (minimum three lugs to be provided), including necessary welding and applying a priming coat of approved primer on exposed surface etc. complete.	3800 Kg	
c)	<u>Signage & Lightining System:</u> Manufacturing, Supplying & Fixing of LED signage Block hollow type 3D Letters with 4" projected by 24 gauge GI sheet(3sides except front) properly fabricated as per design to ensure the restrict of water and dust ingress with necessary enamel painting as per the design attached. The front face of the letter should be CNC router cutting 3.0mm thick RED(625 nm wavelength) Translucent Acrylic Sheet of Indian make. Viewing angle-150°, operating environment -40 °C to +60°C, UL/CE standards. The letters shall be mounted/fixed on the MS structure as per the design by proper welding /bolting etc as per requirement complete. i) LED:-Brand:- GE/ Osram//Tridonic/ PHILIPS confirming to IP 66, Wattage: - 0.5 to 0.6 watts / Module., Red colour LED MODULE: - THREE (03) nos. of SMD per module. ii) POWER SUPPLY: - number of 12 Volt DC Power supply unit as per required capacity . (iii) For Tri language Signage: Letter Size 36" for "ALL INDIA INSTITUTE OF MEDICAL SCIENCES", in tri language such as HINDI, ODIA & ENGLISH on the terrace of B-block and "AIIMS HOSPITAL" of letter size 6'-0' for "AIIMS" and letter size 4'-0" for "HOSPITAL" on terrace of D-Block as per the design including cost of all labour charges, electrical connections from source as per direction of Engineer-In-charge.		

The Cost of signage will be the determining factor for L1 provided all the other conditions mentioned in the tender document (GCC, SCC and the technical conditions) are fulfilled.

DATE:

SIGNATURE OF TENDERER WITH NAME AND SEAL

TENDER DOCUMENT

Name of the Work : SITC of LED signage on Terrace of Hospital Building
 AIIMS, Bhubaneswar, Sijua, Bhubaneswar - 751019

TECHNICAL BID

(In separate sealed Cover-I super scribed as "Technical Bid")

1.	Name & Address of the manufacture and their authorized dealers/ distributors/Agency with phone number, email, name and telephone/mobile	
2.	Specify your firm/company is a manufacture/ authorized dealer/distributor/ Agency	
3.	Name, Address & designation of the authorized person (Sole proprietor/partner /Director)	
4.	Have you previously supplied these items to any government/ reputed private Organization. Please submit on affidavit in Indian Non Judicial stamp paper of Rs 10/- that you have not quoted the price higher than previously supplied to any govt. Institute/Organisation/ reputed private organisation or DGS & D rate in recent past. If you don't fulfil these criteria , your tender will be out rightly rejected.	
5.	Please attach copy of last 3 years Income Tax Return	
6.	Please attach balance sheet (<i>duly certified by Chartered Accountant</i>) for last three (3) years (Average annual minimum turnover should not be less than 50% of contract value) in each year	
7.	Experience and completion certificate as per sl. No 20(twenty) of " <u>OTHER TERMS & CONDITIONS OF THE TENDER</u> "	
8.	PAN No. (Please attach copy)	
9.	VAT/Service Tax Registration Certificate. (Please attach copy)	
10.	The tenderers should submit along with the tender, a Photostat copy of Tax clearance certificate.	
11.	Acceptance of terms & conditions attached (Yes/No). Please sign each page of terms and conditions as token of acceptance and submit as part of tender document with technical bid. Otherwise your tender will be rejected.	
12.	Power of Attorney/authorization for signing the bid documents	
13.	Please submit a notarised affidavit on Indian Non judicial stamp paper of Rs. 10/- containing details of case with the police/Court , either pending or concluded Proprietor/firm/partner or the Company (agency). Indicate any convictions in the past against the Company/Firm/Partner. Please also declare that proprietor/firm has never been black listed by any organization.	
14.	Details of the Arbitration Cases if any. Details of FDR/DD/BG no. tender fee/cost of tender document) Date: Payable at	

Declaration by the Tenderer:

is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

Encls:

1. DD (if tender form is downloaded from the website of this Institute)
2. BG (EMD)
3. Terms & Conditions (each page must be signed and sealed)
4. Financial Bid (In sealed cover)

Place:.....

Date:.....

(Signature of Tenderer
with seal)

Name:

Address:

FINANCIAL BID

(In separate sealed cover superscribed Financial Bid)

Tender Inquiry No	Name of the Items required to be Purchased/Installed	Quantity Required	Unit	Unit Price	VAT /CST /Other Taxes	Total Unit Cost (Col No.5 +Col No. 6)	Total Cost (Col No. 3 x Col No. 7)
01	02	03	04	05	06	07	08
SITC OF LED Signage :							
a)	<u>P.C.C. (1:1.5:3):</u> Providing and laying in position ready mixed reinforced cement concrete, using fly ash and cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. (Ready mix concret) from transit mixer to site of laying and curing, excluding the cost of centring, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charges etc., All works above plinth and upto floor V level : M-20 grade plain cement concrete (cement content considered @ 300 kg. /cum)	20.088	cu m				
b)	<u>M.S. Angle:</u> Providing and fixing M.S. angle 50x50x5 mm and 75X75X8 mm (As per enclosed structural drawing with dimensions) to act as nosing with lugs of M.S. flat 25x5 mm, including necessary welding and applying 2 priming coat primer with 2 coat	3800	kg				

	synthetic enamel paint of approved primer on exposed surface etc. complete.						
c)	<u>Signage & Lightining System:</u> Manufacturing, Supplying & Fixing of LED signage Block hollow type 3D Letters with 4" projected by 24 gauge GI sheet(3sides except front) properly fabricated as per design to ensure the restrict of water and dust ingress with necessary enamel painting as per the design attached. The front face of the letter should be CNC router cutting 3.0mm thick RED(625 nm wavelength) Translucent Acrylic Sheet of Indian make. Viewing angle-150°, operating environment -40 °C to +60°C, UL/CE standards. The letters shall be mounted/fixed on the MS structure as per the design by proper welding /bolting etc as per requirement complete. Technical specification: i)LED Make:- Brand:-PHILIPS/ GE/ Tridonic/Osram confirming to IP 66, Wattage: 0.5 watt to 0.6 watt / Module. ii) MODULE: - THREE (03) nos. of SMD per module. iii) POWER SUPPLY: 90 to 250V input and 12 Volt DC output Power supply of required capacity. iv)Height of letter, numbers of module used, numbers of lines per health as given below: a) For AIIMS – Letter Height- 6'-0", Nos. of Modules used-550 ±10% , nos. of Lines per Health- 4. b) For HOSPITAL – Letter Height- 4', Nos. of Modules used-450 ±10% , nos. of Lines per Health- 3. For Tri- Languages: c) For ENGLISH – Letter Height- 36", Nos. of Modules used-970 ±10% , nos. of Lines per Health- 2. d) For HINDI – Letter Height-36", Nos. of Modules used-940 ±10% ,	Total work	Total work				

	nos. of Lines per Health- 2. e) For ODIA – Letter Height- 36”, Nos. of Modules used-910 ±10% , nos. of Lines per Health- 2. Letter Size 36” for “ALL INDIA INSTITUTE OF MEDICAL SCIENCES” in tri language such as HINDI, ODIA & ENGLISH on the terrace of B-block and “AIIMS HOSPITAL” of letter size 6’-0’ for “AIIMS” and letter size 4’-0” for “HOSPITAL” on terrace of D- Block including cost of all labour charges, electrical connections , necessary tools, tackles etc to complete the job.						
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The cost of signage will be the deciding factor for L1 provided all other conditions mentioned in the tender document (GCC, SCC and the technical conditions) are fulfilled.

Date

Signature
(Name and Seal)