



Annexure: I
INDIA TRADE PROMOTION ORGANISATION
E-TENDER NOTICE

Online item rate bids are invited through two bid system for **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”**
from **“Eligible agencies “**for the following work-

S.N	Name of work	Time for Completion	Estimated Cost (Rs)	Earnest Money (Rs)	Cost of Tender (Rs)
1.	“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”	60 days	2,10,19,660	4,20,393/-	1180/- including GST @18%

a. The tender documents are available on our website www.indiatradefair.com(for reference only) & www.eprocure.gov.in and same can be down loaded.

Eligibility Criteria:

1. The agency/CONTRACTOR should have **PAN, GST, ESIC, EPF Registration and Valid Electrical Contractor license of appropriate class issued by the Govt. of NCT of Delhi.**
2. Completion certificate issued by the officer not below the rank of Executive Engineer or equivalent will have to be furnished by the bidder for govt. works or bidder should submit **work completion certificate from non-government /non-PSU organizations along with copy of TDS certificate 26AS (tax deduction at source) .**
3. Bidder will have to upload the copy of Abstract of Final Bill to support their claim in respect of execution of “Similar Works”. Only value of related items to Sub-Station Equipment’s like “Supply and Erection work of Transformers, VCB, LT Panel, HT Cables etc. will only be considered as eligible work criteria. Other work executed under sub-station head will not be considered as eligibility criteria.”
4. **The completion certificate or work credential certificate must clearly indicate:**
 - Name of work and agreement number.
 - Stipulated date of start and Date of completion.
 - Actual Date of completion.
 - Gross value of work done.
 - That the work has been completed satisfactorily.
 - Dispatch /Reference Number and Date.
 - Full address and contact details of the client, officer issuing certificate and location where work is executed.
5. All bids in which any of the above prescribed criteria is not fulfilled shall be summarily rejected.
6. The Agency should submit affidavit on Rs. 10/- stamp paper duly notarized stating that the firm/company have not been blacklisted by any state/Central/PSU or any other Government Dept. in the past and the agency/company should not have any pending litigation with any government dept. pending against them either directly or indirectly up to the date of submission of tender.
7. The bidder should have had average annual financial turnover @50% of the estimated cost, i.e. Rs. 1,05,09,830/- during immediate last three consecutive financial years ending 31stMarch. 2024. (Scanned copy of certificate from CA to be uploaded only).
8. They should have satisfactorily completed the work as mentioned below during the last seven years up to 31.03.2024.
 - i) One similar completed work of value not less than 80% of the estimated amount put to tender i.e (Rs. **1,68,15,728/-**)
 - OR
 - ii) Two similar completed work of value not less than 60% of the estimated amount put to tender i.e (Rs. **1,26,11,796/-**)

OR

- iii) Three similar completed work of value not less than 40% of the estimated amount put to tender i.e (Rs.84,07,864/-)

Similar work shall mean works of “Supply, Installation, Testing, Commissioning of Electrical lighting works”.

10. Gross Annual Turnover of last three years ending 31st March 2024 which should be at least 50% of Estimated cost i.e. Rs. 1,05,09,830/- Scanned copy of certificate from Chartered Accountant to be uploaded on portal at the time of submission of bid) contractor should upload only Certificate from CA, mentioning Financial Turnover of last 3 years as per the period as specified below in form –A (The Related further details if required may be asked from the contractor after opening of eligibility bids. There is no need to upload entire voluminous balance sheet.)

FORM-A
FINANCIAL INFORMATION
Financial Turnover of last 3 years

Description	Financial year (2021-22) Rs.	Financial year (2022-23) Rs.	Financial year (2023-24) Rs.
Gross Annual Turnover			

Signature of Chartered Accountant with Seal

Signature of Bidder(s).

- ii. The agency/company Should have a Solvency equal to 40 % of the estimated cost put to tender, Certified by his bankers (on the format prescribed in form -B) or net worth certificate equal to 10% of the estimate cost put to tender (on the format prescribed in form- C) issued by the certified Chartered Accountant with UDIN. Certified copies of Solvency or net worth certificate should be uploaded on portal at the time of submission of bid. (The Related further details if required may be asked from the contractor after opening of eligibility bids. There is no need to upload entire voluminous balance sheet.)

FORM-B
SOLVENCY CERTIFICATE FROM A SCHEDULED BANK

This is to certify that to the best of our knowledge and information that M/s/Sh. having marginally noted address, Customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs..... Rupees). This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature) For the Bank

NOTE :

- i. Bankers certificates should be on letter head of the Bank,
- ii. In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

FORM- C
NET WORTH FROM CHARTERED ACCOUNTANT

It is to certify that as per the audited balance sheet and profit and loss account during the financial year..... , the Net Worth of M/s(Name & Registered Address of Individual/firm/company), a s on(the relevant date) is Rs. after considering all liabilities. It is further certified that the Net worth of the company has not eroded by more than 30% in the last five years ending on (the relevant date).”

Signature of Chartered Accountant
Name of Chartered Accountant:

Membership No. of ICAI:
Date and Seal:

7. The bidder can submit shortfall documents in online system if required and permit by tender inviting officer, except the mandatory eligibility documents e.g Tender fee, EMD etc.
9. While selecting any of the cells in the BOQ, a warning appears that if any cell is left black the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
10. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of ITPO is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.
11. The contractor shall not be permitted to bid for works in ITPO, if the contractor or any of his/ her near relatives are posted in ITPO. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him/her and who are near relatives to any officer in ITPO or ministry of commerce and industries. Any breach of this condition by the contractor would render him liable to be removed from the contract and further works in ITPO.
12. Tender documents may be downloaded from ITPO's web site www.indiatradefair.com (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> as per the schedule as given in CRITICAL DATE SHEET as under.\

INDICATIVE CRITICAL DATE SHEET

Published Date	11/10/2024
Bid Document Download Start Date	11/10/2024
Pre bid meeting Date	----
Bid Submission Start Date	11/10/2024
Bid Submission End Date	17/10/2024 at 3.00 PM
Bid Opening Date	18/10/2024 at 11.00 AM

13. Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>. Tenderers /Contractors are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>'. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

14. Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have Business relationship with one another (i.e when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

15. Tenderer who has downloaded the tender from the ITPO's web site www.indiatradefair.com and Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>, shall not modify the tender form including downloaded price bid template in any manner. In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and tenderer is liable to be banned from doing business with ITPO.

16. Intending tenderers are advised to visit again ITPO website www.indiatradefair.com and CPPP website <https://eprocure.gov.in/eprocure/app> at least 2 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.

List of Documents to be scanned and uploaded within the period of bid submission:

1. Copy of receipt for deposition of EMD and Tender fee to ITPO.
2. Copy of PAN Card.
3. Copy of GST registration.
4. Copy of ESIC and EPF registration.
5. Copy of valid Electrical Contractor License issued by the Govt. of NCT of Delhi.
6. Certificates of Work Experience as per NIT.
7. Scanned copy of Affidavit on Rs.10/- stamp paper duly notarized for blacklisting and litigation.
8. Scanned copy of Tender Acceptance Letter & Price Bid undertaking as per Annexure – III & IV.
9. Annual Financial Certificate certified by CA as per NIT (Form-A).
10. Solvency Certificate as per NIT (Form-B) or Net worth Certificate as per NIT (Form-C).
11. Letter of Transmittal as per Form- D.
12. Any other documents as per NIT.

EMD Payment & Tender cost:

Earnest Money Deposit & Cost of tender is to be deposited electronically by NEFT/RTGS in the account of ITPO at the below mentioned details or DD in favour of ITPO payable at New Delhi. Bidders are required to upload the receipt of deposition of DD along with the bid.

BANK Details for EMD Payment through NEFT/RTGS:

Name of the Beneficiary	:	India Trade Promotion Organisation
Name of the Bank	:	Central Bank of India
Branch Address	:	Pragati Maidan, New Delhi
Account No.	:	1167404133
Type of Account	:	Saving
RTGs Code	:	CBIN 0284078
MICR CODE	:	110016150
PAN NO.	:	AAATI2955C

- a. Bids will be opened as per date/time as mentioned in the **Tender Critical Date Sheet**. After online opening of Technical-Bid the results of their qualification as well Price-Bid opening will be intimated latter.
Due consideration and relaxation in the norms for MSME/NSIC/Start up/MSE in Public procurement will be given as per the directions issued by Govt. of India and also preference would be given to SC/ST – MSME entrepreneurs up to 4% within the 20% ceiling earmarked for MSME entrepreneurs subject to the production of valid /relevant registration documents for the specific work i.e. **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”** as required in NIT.

- **Submission of Tender**

The tender shall be submitted online in Two part, viz., technical bid and Financial bid.

All the pages of bid being submitted must be signed wherever required, and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading. The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.

- **Technical Bid**

The following documents are to be furnished/ uploaded by the Contractor along with **Technical Bid within the period of bid submission** as per the tender document (As applicable):

- i) Scanned copy of Demand Draft along with deposition of receipt from ITPO/ RTGS of any scheduled Bank for tender fee and EMD.
- ii) Scanned copy of PAN, EPF, ESIC , GST registration and valid electrical license from Govt. of NCT of Delhi.
- iii) Certificate of Work Experience /Completion certificate issued by an officer in charge/ Project manager executing the work (TDS certificate is mandatory if work experience is from private sector).
- iv) Scanned copy of Tender Acceptance Letter & Price Bid undertaking as per Annexure – III & IV.
- v) Scanned copy of Affidavit on Rs.10/- stamp paper duly notarized for blacklisting and litigation.
- vi) Certificate of Gross annual turnover for last three financial years issued by Chartered Accountant.
- vii) Scanned copy of duly filled, signed and stamped copy of Form – A to D.
- viii) Any other document as per NIT.

Financial Bid

- (a) Schedule of price bid in the form of BOQ_XXXX .xls. format

FORM-D

INFORMATION REGARDING ELIGIBILITY LETTER OF TRANSMITTAL

From:

.....
.....

To

The Senior Manager (Electrical)
Admin Building, Bharat Mandapam,
New Delhi.

Subject: **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”**

Sir,

Having examined the details given in the bid document for the above work, I/we hereby submit relevant information

1. I/we hereby certify that all the statement made and information supplied in the enclosed Forms A to D and accompanying statements are true and correct.
2. I/we have furnished all information and details necessary for eligibility and have no further pertinent information to supply.
3. I/we submit the requisite certified Completion Certificate and authorize the Senior Manager (Electrical) or authorize representative to approach the department issued the completion certificate to confirm the correctness thereof.
4. I/we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the eligible **“Similar Works”**.

Certificate: It is certified that the information given in the enclosed eligibility bid are correct. It is also certified that I / We shall be liable to be debarred, disqualified / cancellation of agreement in case any information furnished by me/us is found to be incorrect/fabricated.

Enclosures: Seal of bidder Date of submission:

Signature(s) of Bidder(s).

Annexure: II
Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

- 2) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrolment**” on the CPP Portal which is free of charge.
- 3) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 4) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 5) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 6) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 7) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” or “Other Important Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 8) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is
- 9) maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids (ie after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

Annexure: III
TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned ‘Tender/Work’ from the web site(s) namely:

as per your advertisement, given in the above-mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above-mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract , without prejudice to any other rights or remedy .

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Annexure: IV

. FINANCIAL BID UNDERTAKING

From: (Full name and address of the Bidder)_____

To,

Dear Sir/Madam,

I submit the Price Bid for **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”**

1. I have thoroughly examined and understood all the terms and conditions as contained in the Bid document, and agree to abide by them.
2. I offer to work at the rates as indicated in the price Bid, Annexure IV inclusive **of all applicable taxes with GST@18%.**

Authorized Signatory
(Signature of the Authorized Person)

Annexure: V

PROFORMA OF AGREEMENT

This agreement (which shall include its subsequent Amendment (s), if any), entered on DD/MM/YYYY into by and between M/s ITPO, a Government of India Company registered under the companies Act ,1956 having its registered office at Pragati Maidan, New Delhi-110001 (here in after shall be referred to as "the company". Which expression unless repugnant to its meaning or context thereof, shall include its execution, administrators, successors and permitted assignees) as ONE PART

AND,

M/s_____a firm having its office at (hereinafter shall be referred to as "the Contractor/successful bidder", which expression unless repugnant to its meaning or context thereof, shall include its executors, administrators, eight(8)years i.e. up to DD/MM/YYYY (Bidding Document; Tender Ref. No._____and extended contract period, if any, as per work order issued by the company. The Contractor, under this Agreement, shall execute the subject job/ provide services(s) in a professional manner as per the detailed scope of work as defined in the bidding document and the Company will pay the successful bidder for execution of the subject job/ services(s) provided s per the agreed payment terms and conditions of the bidding /contract document. The successful bidder shall also be liable for the Defect Liability Period / Warranty period, if specifically mentioned in the bidding document, for the job executed/ service provided by him/them. All the terms and conditions of the Detailed Letter of Acceptance and its enclosures including bidding document and if Addendum(s) shall be applicable and binding for this Agreement.

In witness whereof the parties have executed this Agreement on DD/MM/YYYY. Signed and Delivered signed and Delivered

For and on behalf of

India Trade Promotion
Organisation

Name :

Designation

Date:

Place:

For and on behalf of

Other part

Name :

Designation

Date:

Place:

Annexure: VI

PERFORMANCE BANK GUARANTEE

<<On Rs. 500 Stamp Paper>>

To,

The Senior Manager (Electrical)
Admin Building, Bharat Mandapam,
New Delhi.

Witness, << name of the bidder/ prime bidder and address>> (hereinafter called "the bidder") has undertaken, in pursuance of contract no. <Insert Contract No.> dated.

<Date> to provide implementation services for <<name of the assignment>> to ITPO (hereinafter called "ITPO")

And whereas it has been stipulated by in the said contract that the bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract; And whereas we, <Address of Registered Office> and having one of its office at <Address of Local Office> have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the bidder, up to a total of Rs. < insert value> (Rupees<insert Value in Words> only) and we undertake to pay you, upon your first written demand declaring the bidder to be in default under the contract and without cavil or argument, any sum or sums within the limits of Rs. <Insert Value> (Rupees

<Insert Value in words > only) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the bidder before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Bidder shall in any release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be valid until<< Insert Date>>) Notwithstanding anything contained herein:

- a. Our liability under this Bank guarantee shall not exceed Rs. << Amount in figure>> (Rupees << Amount in words>> only)
- b. This Bank guarantee shall up to <<Insert date>>)
- c. It is condition of our liability for payment of the guarantee amount or any part thereof arising under this Bank guarantee that we receive a valid written claim or demand for payment under this Bank guarantee on or before<<Insert date>>) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal:

Date:

INTEGRITY PACT

To,

Sub: NIT No. - - - - -

for the work : **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at
Bharat Mandapam, New Delhi.”**

Dear Sir,

It is hereby declared that ITPO is committed to follow the principle of transparency, equity and competitiveness in public procurement.

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected.

This declaration shall form part and parcel of the Integrity Agreement on behalf of the ITPO.

Yours faithfully,

(Senior Manager, Electrical))

GOVERNMENT OF INDIA
INDIA TRADE PROMOTION ORGANISATION
General Detail of Notice Inviting Tender

Item rate tenders through e-tendering are invited on behalf of the CMD, ITPO from the specialized agencies dealing in the field of **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”** “In two bid system, up to **3.00 PM on 17.10.2024** which will be opened by him (or) his authorized representative at **11.00 AM on 18.10.2024** for the work of **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”**

1. The work is estimated to cost **Rs 2,10,19,660/-**. This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful tenderer on prescribed Form No. C.P.W.D. 7/8 which is available as a Govt. of India publication. Tenderer should quote his rates as per various terms and conditions of the said form which shall form part of the agreement.
3. **The time allowed for the completion of work is 60 days.**
4. The site for the work is available. OR The site for the work shall be made available in part as specified in scope of work.
5. Tenders shall be accompanied with Earnest money of **Rs. 4,20,393/- & Tender Fee of Rs. 1,180/-** (demand drafts of a scheduled bank issued in favor of India Trade Promotion Organisation, New Delhi or NEFT/RTGS).
6. The Contractor, whose tender is accepted, will be required to furnish performance guarantee of 5% (Three percent) of the tendered amount within the period specified in Schedule F. This guarantee shall be in the form of Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs.1, 00,000/-) or Government Securities or Fixed Deposit Receipts in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule ‘F’, including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderer at the office of the above-mentioned officer. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
7. The competent authority on behalf of the CMD, ITPO does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
8. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing shall be liable to rejection.
9. The competent authority on behalf of CMD, ITPO reserve the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
10. No Engineer of Gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor’s service.
11. The tender for the works shall remain open for acceptance for a period of **Seventy five (75) days** from the date of opening of financial bid, in case tenders are invited on 2/3 envelope system (strike out as the case may be) if any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government, without prejudice to any other right or remedy, be at liberty **to reject the tender** as aforesaid. Further the tenderer not be allowed to participate in the re-tendering process of the work.
12. This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/ contractor on acceptance of his tender by the Accepting Authority, **within 7days** from the stipulated date of start of the work, sign the contract consisting of:-
 - (i) Non Judicial Stamp for **Rs. 100/-**

- (ii) Schedule of Work with terms and conditions.
- (iii) GCC-2023 for Construction work
- (iv) And any other relevant documents

SCHEDULES

SCHEDULE 'A'

Schedule of quantities (enclosed)

As per Schedule of work attached.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

S.No.	Description of item	Qty.	Rates in figures & words at which the material will be charged to the contractor.	Place of issue
1	2	3	4	5
----- NIL -----				

SCHEDULE 'C'

Tools and plants to be hired to the contractor:

S. No.	Description	Hire charges per day	Place of issue
1	2	3	4
----- NIL -----			

SCHEDULE 'D'

Extra schedule for specific requirements / : NIL
documents for the work, if any.

SCHEDULE 'E'

Reference to General Conditions of contract	:	General Conditions of Contract for Construction work– 2023 amended up to date.
Name of work	:	“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”
Estimated cost of work	:	Rs. 2,10,19,660/-
(i) Earnest money	:	Rs. 4,20,393/-
(ii) Performance Guarantee	:	5% of tendered Value.
(iii) Security deposit	:	2.5% of tendered value

SCHEDULE 'F':-**General Rules & Directions: -**

Officer inviting tender:	:	Senior Manager(E)
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	:	No limit

Definitions:

2 (v) Engineer-in-Charge	:	Senior Manager(E)
2 (viii) Accepting Authority	:	CMD, ITPO.
2 (x) Percentage on cost of materials and labour to cover all overheads and profits.	:	15%
2 (xi) Standard schedule of Rates	:	Based on DSR and Market Rates
2 (xii) Department	:	ITPO
9 (ii) Standard CPWD contract form	:	CPWD form 6 (item rate) as modified and corrected up to date.

Clause 1

Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour license, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance.	:	7 days
Maximum allowable extension with late fee 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above.	:	3 days

Clause 2

Authority for fixing compensation under clause – 2	:	Chief Engineer (Projects)
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Clause 2A

Whether Clause 2A shall be applicable : No

Clause 5

Number of days from the date of issue of letter :
of acceptance for reckoning date of start.

10 Days

Time allowed for execution of work	:	02 Months
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Authority to decide:

1. Extension of time	:	Chief Engineer (Projects)
2. Rescheduling of mile stones	:	N.A
3. Shifting of date of start in case of delay in handing over of site	:	N.A

Clause 6 :-

Whether applicable –	:	Yes
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Clause 7 :-

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.	:	1 Crore
Clause 7 A: -Whether Clause 7A shall be applicable.	:	Yes.
i) No Running account Bill shall be paid for the work till the registration with Labour license/ EPFO, whatever applicable are submitted by the contractor to the Engineer-in-Charge.		----Not Applicable----
ii) No Running account Bill shall be paid for the work till the applicable registration certificates with ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge.		---- Not Applicable ----

Clause 10A:-

List of testing equipment to be provided by the contractor at site lab. : **As per requirement at site & as per direction of Engineer-in-Charge.**

Clause 10 – B(ii) :-

Whether clause 10-B(ii) shall be applicable : **No**

Clause 10C – Payment on Account of increase in Price/Wages due to Statutory Order(s) : **N.A.**

Clause 10 CA	Materials covered under this clause	Nearest material (other than cement, reinforcement bars and structural steel) for which All India Wholesale price index to be followed	Base price of all the materials covered under clause 10CA
Not Applicable			

Clause 10CC :-

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the : period shown in next column.

-Not Applicable--

Schedule of component of other Materials, Labour, POL etc. for price escalation.

Component of civil (Except materials covered Xm under clause 10 CA)/ Electrical construction materials expressed as percent of total value of work.	Not Applicable
Component of labour expressed as percent of Y total value of work.	
Component of POL expressed as percent of Z total value of work.	

Clause 11 :-

Specifications to be followed for execution of work

:

C.P.W.D. General Specifications for EI works (Internal & External), 2023 as amended up to date & as per Terms & conditions attached.

Clause 12

Type of work

Authority to decide Deviation:-

Construction work

Chief Engineer(Projects)

Clause 16 :-

Competent Authority for deciding reduced rates.

Chief Engineer(Projects)

Clause 18 :-

1. Electrically operated chase cutting machine
2. Electrically operated core cutting machine
3. Megger
4. Tong tester
5. Any other machinery, tools and plants as per requirement at site

Clause 19 :-

Applicable

Clause 19L :-

Applicable

Clause: 32**(i) Requirement of Technical Representative(s) and Recovery**

Sr. No.	Minimum Qualification of Technical Representative	No. of Major+Minor Component	Minimum experience (years)	Designation (Principal Technical/ Technical representative)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32	
					Figures	Words.
1.	Graduate Engineer or Diploma Engineer	1+1	2 or 5 years Respectively	Project Manager Cum Planning /Quality/Site/ Billing Engineer	Rs. 15,000/- per month per person	Rs. Fifteen Thousand per month per person
Assistant Engineers retired from Government Service that are holding Diploma will be treated at par with Graduate Engineers. Diploma holder with minimum 10-year relevant experience with a reputed construction company can be treated at par with Graduate Engineers for the purpose of such deployment subject to condition that such diploma holders should not exceed 50% of requirement of degree engineers.						

Clause 38 :-

- (i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of N.A printed by CPWD with up-to-date correction slips.
- (ii) Variations permissible on theoretical quantities:

a) Cement for works with estimated cost put to tender not more than Rs. 5 lakhs		N/A
for works with estimated cost put to tender more than Rs 5 lakh		N/A
b) Bitumen for all works.		N/A
c) Steel Reinforcement and structural steel sections for each diameter,		N/A

section and category.		
d) All other materials.		Nil

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor.	
		Excess beyond permissible variation	Less use beyond the permissible variation
----- NIL -----			

INDIA TRADE PROMOTION ORGANISATION
(Engineering Division)

CORRIGENDUM TO FORM 7/8/9 (CPWD) MUST BE READ ALONGWITH THE PAMPHLET

S.No.	FOR	READ
1.	Govt. of India	India Trade Promotion Organisation (A Govt. of India Undertaking)
2.	CPWD of Government	India Trade Promotion Organisation
3.	CPWD – 7/8/9	ITPO – 7/8
4.	President/President of India	CMD, ITPO
5.	Chief – Engineer	Chief Engineer(Projects)
6.	Superintending Engineer	Deputy. General Manager (Elect.)
7.	Engineer-in-charge/ Divisional Engineer/ Executive Engineer/ Divisional Office	Sr.Manager (Elect.)
8.	Sub-Divisional Officer/Asstt. Engineer	Deputy Manager (Elect.)/Manager (Elect)
9.	C.T.E.	General Manager (Works)
10.	Admn. Head	C.M.D./General Manager
11.	Ministry of Works & Housing	ITPO/Ministry of Commerce
12.	CPWD Code, Paragraph'90	Shall be applicable to ITPO works.
13.	DSR-2022	Shall be applicable to ITPO works.
14.	CPWD specifications	Shall be applicable to ITPO works.
15.	DSR(Internal) 2022 for Electrical works.	Shall be applicable to ITPO works.
16.	CPWD specifications (Internal) 2005 Electrical works	Shall be applicable to ITPO works.
17.	DSR External 2022 for Electrical works and specification.	Shall be applicable to ITPO works.
18.	Provision of section 12 Subsection (i) of the works man compensation	Shall be applicable to ITPO works.
19.	Provision of contract labour (Regulation and abolition Act 1970 and contract labour (Regulation and abolition) control rules 1971 section 20 sub-section (A) of the contract labour (Regulation and abolition Act 1970).	Shall be applicable to ITPO works.
20.	Provision of the payment of wages Act, 1986 Minimum wages Act, 1986 1943 industrial disputes Act, 1947 Material benefits Act, 1961.	Shall be applicable to ITPO works.
21.	CPWD safety code framed from time to time.	Shall be applicable to ITPO works.
22.	CPWD maternity benefits to labour.	Shall be applicable to ITPO works.
23.	Provision of the Arbitration Act, 1972.	Shall be applicable to ITPO works.
24.	Section 74 of India Contract Act, 1973.	Shall be applicable to ITPO works.
25.	Model Rules of the protection health and sanitary appointment for workers employed by CPWD,	Shall be applicable to ITPO works.
26.	CPWD Contractor labour regulations.	Shall be applicable to ITPO works.

Senior Manager (Elect.)

INDIA TRADE PROMOTION ORGANISATION
Electrical Division

No. ITPO/CE(P)/Electrical/24-25/03

Dated-11/10/2024

NOTICE INVITING TENDER

Senior Manager, Electrical India Trade Promotion Organisation, Pragati Maidan, New Delhi on behalf of CMD, ITPO invites **Item rate tender** for the following work from the Specialized agencies dealing in the field of : **“Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”** in two bid system through online e-tendering. Manual/offline bids shall not be accepted. The details of which briefly described are hereunder:

S.N	Name of work	Time for Completion	Estimated Cost(Rs)	Earnest Money(Rs)	Cost of Tender (Rs)
1.	Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.	60 days	2,10,19,660/-	4,20,393/-	1180/- i/c GST

The bids can be submitted on line up to **17/10/2024** up to **03.00** PM with date of opening at **11.00 AM** on **18/10/2024**. For further details including eligibility, downloadable form of tender documents etc. please refer website www.indiatradefair.com, www.gem.gov.in(For Reference) & www.eprocure.gov.in (for e-tendering)

Senior Manager (Elect.)
I.T.P.O.

India Trade Promotion Organisation

(Electrical Unit)

SCHEDULE OF WORK

Name of work: : “Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”

Sl. No	Description of Item	Qty.	Units	Rate (Rs.) (including @GST)	Amount (including @GST)
1.	<p>Design, fabrication, supply , erection, testing and commissioning of 16 meter high mast pole of steel in two sections suitable for 50 m/sec wind speed as per IS:875(Part-III) totally hot dipped galvanized as per BS-EN 10025 with raising/lowering type of thickness 4 mm at bottom & 3 mm at top of high mast pole and diameter at top not less than 150 mm and bottom not less than 410 mm & 20 side polygon standard for galvanization as per BS EN ISO 1461 including opening of door at base of size with 1050 x 250 mm base plate of 540 mm x 25mm thickness , minimum 8 numbers foundation bolts of EN-8 grade as per IS 1367(part 3) suitable for mounting 8 Nos floodlight luminaries in symmetrical arrangement made of 50 NB ERW class B MS pipe welded in 2 sections and electrically operated raising/ lowering system comprising double drum winch, two continuous 6mm Dia steel wire rope made of AISI 304 as per IS 2266, 7/19 of breaking capacity 1450 Kg X 2 , trailing cable of size 5 core 2.5 sq mm , connector, integral power tool motor of capacity not less than 1 HP single speed one number as per IS 12615, manual handle, junction box, lightning finial, lantern carriage, top pulley arrangement complete including design and construction of shallow foundation with RCC (M-25) grade concrete for the high mast considering the safe soil bearing capacity as per site requirement with all material and labour, fully galvanized foundation bolt manufactured from special steel along with nuts, washer, anchor plate and common template.</p> <p>Power cables from panel to top of High Mast, mounting clamps and bolts, including erection and commissioning including earthing as per BIS and modern engineering practices including providing and fixing of lightening arrestor and LED type single dome aviation obstruction light complete all as specified, Note:- Foundation shall be made as per drawing and design approved by OEM.</p>	10	Set		

2.	Supply and fixing of 200W LED Flood Light with a minimum system lumen of minimum 28000 lumen and efficacy >135 lumen/watt having CCT of 5700K and CRI > 70 and 50,000 burning hours @ L70B50. The housing should be of non-corrosive high-pressure die-cast aluminum with PF > 0.95, IP 66 with an IK 10. The Luminaire should have a 20 KV SPD. The wattage of each LED should be greater than 1 watt and less than 3 watt. Only high power Single white LED chip with ceramic based suitable for outdoor use is allowed. The Luminaires shall employ Structured LED array for optimized area lighting photometric distribution with individual photometric integrated optics lenses designed to optimize application efficiency and minimal glare achieving wide beam angle, individual Integrated / PC optical lens to be provided on each LEDs on a molded lens plate fixed mechanically. Electronic driver should be IP67 potted with APFC and CISPR 15 compliance with THD < 10% and shall have surge protection of minimum 4kV. Input Voltage range 140-270V. The Driver should be a potted driver, not a printed circuit board without casing, mounted on the luminaries, BIS approved. LM 79 and LM80 reports for OEM in house NABL (not more than 6 months old) accredited lab to be submitted.	250	Each		
3.	Supply and fixing of 100 W LED Flood Light with a minimum system lumen of minimum 12000 lumen and efficacy >120 lumen/watt having CCT of 5700K and CRI > 70 and 50,000 burning hours @ L70B50. The housing should be of non-corrosive high-pressure die-cast aluminum with PF > 0.95, IP 66 with an IK 07. The Luminaire should have a 10 KV SPD. The wattage of each LED should be greater than 1 watt and less than 3watt. The Luminaires shall employ Structured LED array for optimized area lighting photometric distribution with toughened glass designed to optimize application efficiency and minimal glare achieving wide beam angle on molded lens plate fixed mechanically. Electronic driver should be APFC based with THD < 10% and shall have surge protection of minimum 4kV. Input Voltage range 140- 270V. The Driver should be a potted driver, not a printed circuit board without casing, mounted inside the luminaries, BIS approved. LM 79 and LM80 reports for OEM in house NABL (not more than 6 months old) accredited lab to be submitted.	100	Each		
4	Supply and fixing of 100W LED Highbay Light with a minimum system lumen of minimum 15000 lumen and efficacy >150 lumen/watt having CCT of 5700K and CRI > 80 and 50,000 burning hours @ L70B50. The housing should be of non-corrosive high-pressure die-cast aluminum with PF > 0.95, IP 66 with an IK 10. The Luminaire should have a 10 KV SPD. The wattage of each LED should be greater than 1 watt and less than	100	Each		

	3 watt. The Luminaires shall employ Structured LED array for optimized lighting photometric distribution with polycarbonate cover designed to optimize application efficiency and minimal glare achieving wide beam angle on molded lens plate fixed mechanically. Electronic driver should be SMPS based with THD < 10% and shall have surge protection of minimum 4kV. Input Voltage range 140- 270V. The Driver should be a potted driver, not a printed circuit board without casing, mounted on the luminaries, BIS approved. LM 79 and LM80 reports for OEM in house NABL (not more than 6 months old) accredited lab to be submitted.				
5.	Supply and fixing of 80W LED Highbay Light with a minimum system lumen of minimum 12000 lumen and efficacy >150 lumen/watt having CCT of 5700K and CRI > 80 and 50,000 burning hours @ L70B50. The housing should be of non-corrosive high-pressure die-cast aluminum with PF > 0.95, IP 66 with an IK 10. The Luminaire should have a 10 KV SPD. The wattage of each LED should be greater than 1 watt and less than 3 watt. The Luminaires shall employ Structured LED array for optimized lighting photometric distribution with polycarbonate cover designed to optimize application efficiency and minimal glare achieving wide beam angle on molded lens plate fixed mechanically. Electronic driver should be SMPS based with THD < 10% and shall have surge protection of minimum 4kV. Input Voltage range 140- 270V. The Driver should be a potted driver, not a printed circuit board without casing, mounted on the luminaries, BIS approved. LM 79 and LM80 reports for OEM in house NABL (not more than 6 months old) accredited lab to be submitted.	200	Each		
6.	Supply of aluminium conductor XLPE insulated, PVC sheathed armoured served sheathed cables 1100 Volts grade.				
	3.5 C x 50 sq. mm	800	mtr		
	3.5 C x 25 sq.mm	500	mtr		
	4 C x 16 sq. mm	750	mtr		
7.	Laying of one number XLPE insulated and PVC sheathed power cable of 1.1 KV grade of following size direct in ground excluding excavation, sand cushioning, protective covering and refilling the trench etc as required.				
	Upto 35 sq. mm	2050	mtr		
8.	Supply and fixing of Copper Cables of following sizes :-				
	3 x 1.5 sq. mm Cable	700	mtr		
	3 x 2.5 sq. mm Cable	600	mtr		
9.	Supply and making end termination with brass compression gland and aluminium lugs				

	for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
	4 x 16 sq. mm (28mm)	60	Nos.		
	3.5 x 25 sq. mm (28mm)	80	Nos.		
	3.5 x 50 sq. mm (35mm)	60	Nos.		
10.	Supply, Installation, Testing and commissioning of Double Door Cubical Type free standing totally enclosed dust & Vermin Proof LT Panel suitable for 440Volts, 3 Phase ,50HZ AC Supply system of suitable size fabricated in compartmentalized made from CRCA sheet steel of 14 SWG, factory made, Cubical type with base, with powder coated, having suitable Bus Bar for 300 Amp. Aluminium Bus Bar of high conductivity with PVC Sleeves, DMC/SMC Bus Bar supports, entire Panel shall have 2 nos. earth copper strip of size 20 x 3 mm , and control wiring of 2.5sq mm PVC insulated Copper FRLS, Cable Alley , Bus Bar Chamber , Cable Gland Plate on both sides (top and bottom).250A 4P 36kA MCCB Microprocessor Release with O/L,S/C,E/F protection, confirming to IS/IEC60947-2 etc. - 01 No. Multifunction Meter, CT, Control MCB, LED Phase Indication, Control wiring. Out Going 63A TP + N MCCB, Thermal Magnetic Release, Adjustable type with On LED Indication -6 nos. All MCCB should be provided with rotary handle and spreader link.	5	Nos.		
11.	Supply and fixing of 16 SWG CRCA sheet with powder coated painting automatic street light cubicle control panel of automatic street light cubicle control panel with anti-corrosive alkali and acid proof characteristics providing 63Amp TP MCB as incomer, 1 nos 32A 3Pole MCB for motor protection and consisting of time switch TSO 100 series with contactors, HRC fuses, isolating switch metering instrument & instrument box with CTs etc. in case of TPN, necessary push buttons with interlocking facility for motor operations complete in all respect	10	Nos.		
12.	Earthing with G.I. earth pipe 4.5 metre long, 40mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc.	30	Nos.		
13.	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm Dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	100	RM		
14.	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	80	RM		
15	S/Laying of 90 mm Dia (OD 90 mm & ID 76 mm nominal) size of (DWC) HDPE Pipes ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS	200	RM		

	14930, Part-II complete with filling and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench pat excluding sand cushioning and protective covering etc. Complete in all respects.				
16.	Excavation of the cable trenches in hard rock not exceeding 1.5 meters in width, and lift upto 1.5 meters, including getting out the excavated soil and disposal of excavated soil as direct within a lead of 50 meters.	30	CUM		
17.	Cement Concrete with 2 cm gauge stone grit, coarse sand & cement in proportion of 4:2:1 including supply of all material, Labour , tools & plants etc. Required for proper completion of work.	20	CUM		

SA (Elect.)

M (Electrical)

Senior Manager (Electrical.)

Terms and Conditions

Name of work :- “Supply, Installation, Testing, Commissioning of High Mast and other allied LED lighting at Bharat Mandapam, New Delhi.”

1. The work shall be carried as per **CPWD general specification for electrical works 2023 (Internal) & 2023 part-II. (External)** work as amended up-to-date and in accordance to the Indian Electricity Rules 1956 and Indian Electricity Act 2003 as amended up-to-date and as per the instructions and satisfaction of the Engineer-in -charge.
2. The material shall be procured only from the manufacturers & their authorized dealers & documentary proof for such procurement & supply shall be produced by the contractor. Contractor has to produce original bill/challan to the Eng-in-charge.
3. The department reserves the right to send such materials to the manufactures authorized test laboratory to verify the genuineness & quality of the product.
4. All materials to be used on the work shall be got approved from the Engineer-in-charge before installation at site and the rejected material is to be removed from the site immediately.

5. Terms of Payments

The following percentage of contract rates for the various items included in the contract shall be payable against the stage of work shown herein.

<u>Stage of Work</u>	<u>Payment</u>
After Supply of material at site.	70.00%
After successful Testing, Commissioning.	20.00%
After successful handing over to ITPO.	10.00%

6. The work shall be progressed with the progress of civil work. As such, the contractor doing electrical works shall work in close coordination with casting of the slabs, erection of the walls etc. as required. No claim of the contractor shall be entertained by the department for the idle labour.
7. The contractor shall be responsible for any damage done to the building of electrical installations during the execution of the work. Damage, if any shall have to be made good by the contractor at his own cost otherwise the same shall be got rectified made good at the risk & cost the contractor.
8. Bad work-man-ship will not be acceptable and defect shall be rectified at contractor's cost to the satisfaction of the Engineer-in-charge.
9. The site shall be cleared of malba, debris caused by working at site by the Contractor without any extra cost to the department.
10. Cement for the work is to be arranged by the contractor & nothing extra shall be paid by department on this account.
11. Earthing and all hidden items of work shall be invariably done in the presence of Engineer-in-charge or his authorized representative.
12. The contractor has to intimate the name of his authorized representative, who will be receiving instructions in his absence. The contractor / his authorized representative is bound to sign the site order book as and when required by the Engineer-in-charge and to comply with the instructions therein.

13. The contractor shall make his own arrangement at his own cost for electrical tools and plants required for the work. No T & P will be issued by the department.
14. The contractors are advised to visit the site before quoting this tender to apprise himself about the site environment and other conditions.
15. Materials not specified in the attached list of APPROVED MAKES may be got approved from the Engineer In charge before use on work. Decision of competent authority shall be final in this respect.
16. The entire installations shall be at the risk and responsibility of the contractor until these are tested and handed over to the department. However, if there is any delay in construction from the department side, the installations may be taken over in parts but the decision on the same shall rest with Engineer-in- charge which shall be binding on the contractor.

17. The contractor shall use electrically operated “ Chase cutters” for cutting chases to lay / fix conduits and other electrical fixtures / accessories in the wall. Nothing extra shall be paid for the same.
18. Wiring shall be done only by the looping system. Phase / live conductors shall be looped at the switch box. For point wiring, neutral wire / earth wire looping for the 1st point shall be done in the switch box, and neutral / earth looping of subsequent points will be made from point outlets.
19. No joints in wiring shall be permitted anywhere, except in switch box or point outlets, ‘where jointing of wires will be allowed with use of suitable connector.
20. The wiring throughout the installation shall be such that there is no break in the neutral wire except in the form of linked switchgear.
21. Only FRLS wires up to 1100V Grade shall be used in wiring.
22. The MCBDB’s shall be of the same make as that of MCB’s.
23. The connection, inter-connection, earthing and inter-earthing shall be done by the contractor where ever required to be done for energisation of the installation and nothing extra shall be paid on this account.
24. All hardware, fastening material viz. nuts, bolts, washers and screws etc. to be used on work shall be of Zinc/cadmium plated iron.
25. All the material should be ISI marked where ever not specified, if ISI marked material is not available it should be confirming to BIS specification amended upto date.
26. The person employed for the work has no right to claim the employment in the department. Such type of claim shall be borne by the contractor.
27. The work will also be carried out at different locations in piece meal manner, as and when required.
28. Nothing extra shall be paid on account of dismantling of existing old PVC aluminum/copper wire, conduit, GI box of different sizes with switch sockets, MCCB, and DB’s with MCB, Fans & Fittings, Geysers, Panel Board etc. i/c removal of garbage/ malba from site and making good the same. The contractor shall quote the rates accordingly.

1. The material shall be procured only from the manufacturers & their authorized dealers & documentary proof for such procurement & supply shall be produced by the contractor. Contractor has to produce original bill/challan to the Engg.-in-charge.
2. The department reserves the right to send such materials to the manufactures authorized test laboratory to verify the genuineness & quality of the product.
3. The successful bidder must keep sufficient quantity of fixtures like switch, socket, wires, MCB’s, isolators, DB’s, choke, condenser, tape, fitting fans, exhaust fan, fresh air fan and other consumable required for day to day maintenance at store of engineer in charge at site. The contractor shall also arrange all the material like cotton waste, cloth soap bar, fuse wire, black tape, cable glands, rope, cables, wires, call bell, thimble lugs, HRC fuses, cable jointing kits, insulation tape, all other consumable materials. Nothing extra is payable on account of the materials required to maintain the electrical installation.

4. **Guarantee of fixtures for LED fittings :-**

- a) The contractor will be required to submit guarantee of LED fittings from the manufacturer (on its letter head) to the department and the contractor will stand performance guarantee of LED fittings supplied and installed by them for a period of 60 months from the date of the handing over of the installation. An amount for this performance guarantee of LED fittings @ 5% of the actual work done amount of all LED fittings as additional security deposit has to be deposited with ITPO, Pragati Maidan, New Delhi. After completion of the work but before release of performance guarantee deposited at the time of award of work. This performance guarantee against guarantee/ warranty of LED fittings will be released after successful performance guarantee period of 60 months. If the performance of LED fittings found unsatisfactory during the guarantee period or contractor fails to replace the defective LED fittings within seven days’ time after

written complaint in this regard, the amount of performance guarantee shall be forfeited absolutely. The Guarantee shall be counted from the day of handing over of the installation to the client.

b) Guarantee of other equipment's except LED :

All equipment's shall be guaranteed for period of 12 Months from the date of taking over the installations by the department against unsatisfactory performance and/or break down due to defective design, workmanship of material. The equipment's or components, or any parts thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost to the satisfaction of the Engineer-in-charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this the same will got be done by the department at the risk and cost of the contractor. The decision of the Engineer-in-charge in this regard shall be final.

List of Approved Make for Electrical Works

S. No	Details of Materials / Equipment's	Manufacturer's Name / Make
1.	FRLS PVC insulated copper Cable single core cable. (ISI marked)	Finolex / Universal /Havells / Polycab
2.	PVC sheathed / XLPE power armoured copper/ Aluminium conductor cable of 1.1 KV grade	Finolex / Universal / Polycab/Havells
3.	MCB	Schneider Electric / Legrand / Hager /ABB/HAVELLS
4.	Moulded Case Circuit Breaker (MCCB) Thermal Release / Microprocessor based (Ics=Icu=100%)	Schneider Electric / Legrand / Hager /ABB/HAVELLS
5.	Panel/ Feeder Pillar (CPRI approved)	MARINE/STERLING /REPPL/R.P. CONTROLS/PRECISION SYSTEM CONTROL
6.	Contactor/Timer	Schneider Electric / L&T / BCH / Siemens / Legrand / ABB / Hager
7.	Voltmeter/Ammeter	Conzerv/ Larsen & Toubro / Secure / AE / Socomec / Neptune /Hager/ABB
8.	LED type indicating lamps / Push Button	Schneider Electric/ L&T / Siemens / Vaishno/Legrand
9.	LED Fittings	Philips/Havells/LT/Disano
10.	High Mast/Pole	Valmont/Bajaj/Utkarsh/Lysaght [All the accessories (such as foundation bolt, bracket, Carriage etc) of the Pole or High Mast should be of the same make as that of the pole]
11.	Cement	ACC/ Birla/ Ambuja/ Jaypee/ J.K.
12.	Any other item	To be approved by the Engineer-in-charge

NOTES:-

In respect of materials for which approved makes are not specified above, then proposed makes shall be decided by the

Engineer-in-Charge and as per sample approved before procurement & Installation.

FORCE MAJEURE

- 1) The Parties shall not be liable for any failure to perform, any of its obligations under this Agreement if the performance is prevented, hindered or delayed by a Force Majeure event (defined below) and in such case its obligations shall be suspended for so long as the Force Majeure Event continues. Each party shall promptly inform the other of the existence of a Force Majeure Event and shall consult together to find a mutually acceptable solution. "Force Majeure Event" means any event due to any cause beyond the reasonable control of the Party, including, without limitation, unavailability of any communication system, sabotage, fire, flood, explosion, acts of God, civil commotion, , riots, insurrection, war or acts of government.

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Safety Guidelines for Preventive measures in the wake of Covid-19.

The agency will take the following effective necessary measures to prevent spread of COVID-19 epidemic and will implement various measures issued by government time to time at their **own cost** while carrying out different services at Pragati Maidan: -

1. Physical distancing of at least 6 feet to be followed as far as feasible.
2. Use of face covers/ masks to be mandatory.
3. Frequent hand washing with soap (for at least 40-60 seconds) even when hands are not visibly dirty. Use of alcohol-based hand sanitizers can be made wherever feasible.
4. Spitting shall be strictly prohibited and if found shall be fined as per ITPO norms.
5. The furniture and other surfaces (frequently touched or otherwise) brought by the agency need to be wiped with disinfectant regularly.
6. While transporting the prefabricated materials to Pragati Maidan or back to warehouse, the agency must ensure to sanitize the delivery vehicle and all materials before loading & try to avoid unnecessary stopover during transit.
7. Driver and other personnel involved in transportation of material must ensure social distancing and wear all necessary PPE.
8. Ensure contactless transportation of materials to the exhibition ground.
9. Ensure all work to be carried out at site with maintaining social distancing as far as feasible.
10. Any structure/ stall fabricated by the agency at site must be sanitized before dismantling.
11. The agency will engage the entire worker whose temperature is not normal and if in case a person falls sick, they must report to the First Aid Desk/ nearby hospital immediately.

Senior Manager (Elect.)