Notice Inviting Tender

Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey-ground) and sports facilities at IIT Delhi.

INDIAN INSTITUTE OF TECHNOLOGY DELHI

HAUZ KHAS, NEW DELHI

(Works Department)

ADDITION: NIL CORRECTION : NIL EE[C] EE[E]
OVERWRITING: NIL DELETION: NIL

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI-110016

INDEX

Name of work:- **Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.**

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It is certified that this document contains three parts i.e. Part A, Part B & Part C containing page no. **1 to 64.**

Executive Engineer (CD-I) **Executive Engineer (E)**

NIT approved for Rs.1,75,14,846.00 (Rupees One Crore Sixty-Five Lakhs Fourteen Thousand Eight Hundred Forty-Six only)

Institute Engineer

ADDITION: NIL CORRECTION : NIL EE[C] EE[E]
OVERWRITING: NIL DELETION: NIL

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI-110016

Notice Inviting e -Tender

The Executive Engineer (E), IIT DELHI, HAUZ KHAS, New Delhi-16 (**Phone No 011-26548437**) on behalf of Board of Governors invite online **Item Rate Tender** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL, and Railways **Composite works** of the following work:

NIT No.	:	**..... /IITD/EE(E)/2022-23**
Name of Work	:	**Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.**
Estimated cost	:	**Rs. 1,75,14,846/-**
Earnest Money	:	**Rs. 3,50,300/-**
Performance Guarantee	:	**3% of Tendered value**
Security Deposit	:	**2.5% of Tendered Value**
Warranty	:	**5 Years for Lighting Fixtures and 1 Year for other work.** **5 Years for water proofing work.**
Period for completion	:	**02 Months**
Late date & time for submission of bids	:	**27/09/2022 upto15.00 Hrs.**
Date & Time of opening of Bids	:	**28/09/2022 at 15.00 Hrs.**

The bid forms and other details can be obtained from the website **wwww.iitd.ac.in or e-procure.gov.in free of cost.** For more clarification you may visit on above website.

Executive Engineer (E),
For & on Behalf of BOG, IIT Delhi

Budget Head: Renovation (Research Facility and Housing)/ 35.01.02(IOE) (2021/007/0028)

Copy to: -

1. Institute Engineer
2. Executive Engineer (CD-I) for information.
3. D.A. (Works Accounts)
4. D.R. (A/Cs) – for opening of uploaded documents **at 3:00 PM on 28/09/2022** in the office of D.R. Store
5. Notice Boards.
6. Office Copy
7. Web site Administrator, I.I.T.D.

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PART 'A'

INDIAN INSTITUTE OF TECHNOLOGY: DELHI

HAUZ KHAS: NEW DELHI – 110016

IITD/WORKS(SP-3966)/2022

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING (Tender Notice)

The Executive Engineer (E), IIT DELHI, HAUZ KHAS, New Delhi-16 (**Phone No 011-26548437**) on behalf of Board of Governors invite online **Item Rate Tender** from Firms/ Contractors Registered in appropriate class and category with CPWD, MES, BSNL, and Railways **for Composite works** of the following work:

SL. No.	NIT No.	Name of Work	Estimated Cost (in Rs.)	Earnest Money (in Rs.)	Tender Fees (in Rs.)	Time for Completion
1	/IITD/EE(E)/2022-23.	Name of work: **Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.**	**1,75,14,846/-**	**3,50,300/-**	**1000/-**	**02 Months**

Last date and time of submission of financial & Technical bid : - 27/09/202 upto 3:00 pm (on line)

Date and time of opening of Technical bid :- 28/09/2022 at 3.00 pm (office of D.R Store)
Price bids of eligible bidders as per NIT shall be opened at a later date after scrutiny of Technical bids.

1. The successful bidders shall be required to submit a performance guarantee of **3%**of the tendered amount in the form of Bank Guarantee or F.D.R. from a Nationalized/Scheduled Bank within **5** days of issue of letter of intent before award of work. In case of failure by the Contractor to supply the performance guarantee within the specified period, full earnest money will be forfeited, and the tender shall be treated as void. The performance guarantee shall be initially valid up to the date of completion plus 60 (Sixty) days beyond that.

2. Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.

i) Firms/Contractors must have completed satisfactorily one similar work of value not less than **Rs. 1,40,12,000.00/-**or Two similar works each of value not less than **Rs. 1,05,09,000.00/-**or three similar works each of value not less than **Rs 70,06,000.00/-**during last 7 years ending on date 31-08-2022.

ii) **Earnest money of Rs. 3,50,300/-**in the form of Banker's cheque or Demand draft or fixed deposit receipt of a schedule bank drawn in favour of **Registrar, I.I.T. Delhi**. No relaxation in EMD will be allowed for MSMEs and MSEs as per CPWD Manual.

3. Similar work shall mean **Composite Work consisting Civil and E&M Component.**

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4. The intending bidder must read the terms and conditions of IITD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
5. Information and Instructions for bidders posted on website shall form part of bid document.

6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website http://eprocure.gov.in/eprocure/app.in free of cost.
7. Completion certificates issued by an officer not below the rank of Executive Engineer of similar works completed by the Agency.
8. Work means only work under Government/ Central Public Sector Undertaking / State Public Sector Under Central Autonomous bodies/ State Autonomous bodies/ City Development Authority/ Municipal Cooperation of City formed under any act by Central/ State Government and published in Central/ State Gazette.
9. The value of executed work shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of submission of financial bid.
10. IITD is committed to follow the principle of transparency, equity, and competitiveness in public procurement. Before submission of bid each bidder should sign integrity pact at respective places and submit the bid, if duly signed integrity pact is not submitted by bidder such bid shall not be considered.
11. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website
12. The intending bidder must have valid class-III digital signature to submit the bid.
13. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
14. Contractor can upload documents in the form of JPG format and PDF format.
15. Contractor must ensure to quote rate of each item, while selecting any of the cells a warning appears that if any cell is left blank 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).
16. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
17. In e-Tendering intending bidder can quote his rates in figures only. The rates in words against amount of each item and total is generated automatically. Therefore, the rate quoted by the bidder in figures will be taken as final.
18. The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker`s Cheque or Deposit at call Receipt or Fixed Deposit Receipts and towards cost of EMD in favour of **Registrar IIT Delhi** to be deposited with http://eprocure.gov.in/eprocure/app / NEFT facility.
19. The physical EMD of the scanned copy of EMD uploaded shall be deposited by the lowest tenderer within a week after opening of financial bid failing which the tender shall be rejected.
20. The following undertaking in this regard shall be up-loaded by the intending bidders: **"the physical EMD shall be deposited by me / us with the Authority inviting the tender, in case I / we become the lowest tenderer, within a week of the opening of financial bid, otherwise, department may reject the tender and also take action to debar me / us from tendering in any form in IIT Delhi"**
21. **Copy of enlistment order and certificate of work experience and other documents as specified in the Press Notice / web notice shall be scanned and up-loaded to the e-Tendering website within the period of bid submission. However, certified / original copy of all the scanned and up-loaded documents as specified in press notice web / notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within a week physically in the office of e-tendering authority and it shall be sole responsibility of lowest bidder.**
22. **Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited EMD and other documents scanned and uploaded are found in order.**
23. When bids are invited in two /three stages systems and if it is desired to submit revised financial bid it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid – Not applicable.

24. **The bid submitted shall become invalid if:**
    a. The bidder is found ineligible if he fails to upload documents from 1 to 11 on tender notice page 6.
    b. The bidder does not upload all the documents (including GST registration) as stipulated in the bid document including the undertaking about deposition of physical EMD of the scanned copy of EMD uploaded etc.
    c. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.

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d. The lowest bidder does not deposit physical EMD within a week of opening of tender.
e. **The Bidder does not upload ESI & PF Registration.**

25. Bid validity shall be 60 days from last date of submission of bid.

26. Rate of bidders shall be considered inclusive of GST.

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

1. Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank against EMD.
2. Enlistment order of contractor.
3. Certificate of work experience.
4. Certificate of Registration for GST and acknowledgement of up to date filed return of GST.
5. Affidavit as per Notice Inviting Tender Condition 1.3 page 7 of NIT. (Affidavit shall be purchased/ notarized between date of publishing and last date of submission of bids beside this NIT/Tender ID and name of work must be mentioned on the affidavit.).
6. Acceptance to execute INTEGRITY PACT.
7. Undertaking as per **'Sl. No. 20 on page No. 5'** on firm's letter head.
   The physical EMD shall be deposited by me / us with the Authority inviting the tender, in case I / we become the lowest tenderer, within a week of the opening of financial bid, otherwise, department may reject the tender and also take action to debar me / us from tendering in any form in IIT Delhi.
8. ESI & EPF registration.
9. FORM "F" (Duly filled with all required details).
10. Tender Fee of Rs. 1000/- in favour of IITD to be deposited in IITD Canara Bank or IITD SBI Bank & receipt copy to be scanned & uploaded in tender (technical bid) or this fees can be directly RTGS to Registrar IITD and its proof to be uploaded in technical bid
11. In case of Partnership firm if all the papers of tender not signed by all the partners than a power of attorney authorizing the person who has signed the tender paper must be uploaded with the tender documents.
12. Annexure-I (duly filled & signed by the bidders)
13. Annexure-II (duly filled & signed by the bidders)
14. Annexure-III (duly filled & signed by the bidders)

Note :- All Documents mentioned S.N-1 to 10 are mandatory for technically qualifying and document mentioned 11 to 14 are not mandatory.

Executive Engineer (E),
For & on Behalf of BOG, IIT Delhi

Hauz Khas,New Delhi-110016.

Budget Head: Renovation (Research Facility and Housing)/ 35.01.02(IOE) (2021/007/0028)

Copy to: -

1. **Executive Engineer (CD-I) for information.**
2. **D.A. (Works Accounts)**
3. **D.R. (A/Cs) – for opening of tenders on 28/09/2022 at 3:30 PM in the office of D.R. Store**
4. **Notice Boards.**
5. **Office Copy**
6. **Web site Administrator, I.I.T.D**
7. **NIT :- Publicity on Website on Institute as well as on CPP portal http://eprocure.gov.in may be ensured as per instruction issued.**
8. E-**tendering Web.** http://eprocure.gov.in/eprocure/app or wwww.iitd.ac.in

ADDITION: NIL CORRECTION : NIL EE[C] EE[E]
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INDIAN INSTITUTE OF TECHNOLOGY: DELH
HAUZ KHAS: NEW DELHI – 110016
IITD-6 FOR e-TENDERING ANDTERM&CONDITIONS

Item rate tenders are invited on behalf of Board of Governors from contractors/firms engaged in the field of civil & Electrical upgradation work in appropriate category for the **work** as per tender notice.

1. The enlistment of the contractors should be valid on the last date of submission of tenders. In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

1.1 The work is estimated to cost **as per tender notice** This estimate, however, is given merely as a rough guide.

1.2 Details of criteria for eligibility As Indicated in "INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE"

1.3 To become eligible for issue of tender, the tenderer shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in IITD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of bid)

2. Agreement shall be drawn with the successful bidders on prescribed Form No. IITD - 8 (or other Standard Form as mentioned) which is available as a Govt. of India Publication. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **as per tender notice** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

4. **The site for the work is available.**

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from the web Site http://eprocure.gov.in/eprocure/appor iitd.ac.in or e-procure.gov**free** of cost.

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.

7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.

8. If it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the tender submitted earlier shall become invalid.

9. Earnest Money in the form of Demand Draft or Pay order or Banker`s Cheque or Deposit at Call Receipt (drawn in favour of Registrar IIT Delhi, HauzKhas, New Delhi) as specified of any Scheduled/ Nationalized Bank and shall be scanned & uploaded to the e-tendering website within the period of tender submission or through RTGS/ NEFT with UTR details and original should be deposited by lowest bidder within a week after the opening of financial bid in office of **Executive Engineer (E), IIT Delhi, HauzKhas, New Delhi**

A part of earnest money is acceptable in the form of bank guarantee also. In such case, 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in shape prescribed above, and balance in shape of Bank Guarantee of any scheduled bank which is to be scanned and uploaded by the intending bidders.

Interested contractor who wish to participate in the bid has also to make following payments in the form of Demand Draft/Pay order or Banker's Cheque of any Scheduled Bank and to be scanned and uploaded to the e-Tendering website within the period of bid submission:

http://eprocure.gov.in/eprocure/app.

10. The bid submitted shall become invalid if:

ADDITION: NIL CORRECTION : NIL EE[C] EE[E]
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(i) The bidders are found not eligible.

(ii) The bidders do not upload all the documents (including GST registration/ **other documents as per Tender Notice**) as stipulated in the bid document.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of tender opening authority.

(iv) The lowest bidder does not deposit physical EMD within a week of opening of tender.

11. The time & date of submission & opening of financial bid of contractors qualifying the **criteria as per Tender Notice** shall be communicated to them at a later date.

12. The contractor whose bid is accepted, will be required to furnish performance guarantee of 3% (Three Percent) of the tendered and accepted of the bided amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/ Demand Draft of any scheduled bank/Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or irrevocable Bank Guarantee Bonds of any Scheduled Bank or the State Bank of India 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.

13. Intending Bidders 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 charge 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.

14. The competent authority on behalf of the Board of Governors 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.

15. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

16. The competent authority on behalf of Board of Governors reserves to himself 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.

17. The contractor shall not be permitted to tender for works in the IITD responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

18. 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 afore said before submission of the tender or engagement in the contractor's service.

19. The tender for the works shall remain open for acceptance for a period of **Sixty (60)** days from last date of submission of bid, 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 shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

20. 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 shall within 10 days from the stipulated date of start of the work, sign the contract consisting of:-

a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

b) Standard IITD Form - 8 or other Standard IITD Form as mentioned.

21. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid.

Executive Engineer (E)
IIT Delhi, Hauz Khas,
New Delhi - 110016

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Notice Inviting Tender

INDIAN INSTITUTE OF TECHNOLOGY DELHI

HAUZ KHAS, NEW DELHI-110016

Terms & Conditions

Indian Institute of Technology Delhi is in the process of purchasing following item(s) as per details as given as under.

Details of the item	**As per Tender Notice**
Earnest Money Deposit to be submitted	**Rs. 3,50,300/-**
Warranty	**As per Tender Notice, NIT & IITD form 8**
Performance security	**As per Tender Notice, NIT & IITD form 8**

Tender Documents may be downloaded from Central Public Procurement Portal http://eprocure.gov.in/eprocure/app.Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website http://eprocure.gov.in/eprocure/app . The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission '.

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Delhi tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website http://eprocure.gov.in/eprocure/app as per the schedule given in the next page.

No manual bids will be accepted. All quotes (both Technical and Financial should be submitted in the E-procurement portal).

Schedule

Name of Organization		Indian Institute of Technology, Delhi
Tender Type (Open/Limited/EOI/Auction/Single)		Open
Tender Category (Services/Goods/works)		Works
Type/Form of Contract (Work/Supply/ Auction/Service/Buy/Empanelment/ Sell)		Works
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)		Civil& Electrical works
Source of Fund (Institute/Project)		**Renovation (Research Facility and Housing)/ 35.01.02(IOE) (2021/007/0028)**
Is Multi Currency Allowed		No
Date of Issue/Publishing		20/09/2022 (15.00 Hrs)
Document Download/Sale Start Date		20/09/2022 (15.00 Hrs)
Document Download/Sale End Date		27/09/2022 (15.00 Hrs)
Date for Pre-Bid Conference		**Nil**
Venue of Pre-Bid Conference		---
Last Date and Time for Uploading of Bids		27/09/2022 (15.00 Hrs)
Date and Time of Opening of Technical Bids		28/09/2022 (15.00 Hrs)
Tender Fee	**Rs. 1000/**	(To be paid through RTGS/NEFT. IIT Delhi Bank details are as under: Name of the Bank A/C : Registrar IIT Delhi SBI A/C No. : 10773572622 Name of the Bank : State Bank of India, IIT Delhi, Hauz Khas, New Delhi-110016 IFSC Code : SBIN0001077 MICR Code : 110002156 Swift No. : SBININBB547 (This is mandatory that UTR Number is provided in the on-line quotation/bid. (Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II)**or as per NIT/ Tender notice**
EMD	**Rs. 3,50,300/-**	
No. of Covers (1/2/3/4)		**02**
Bid Validity days (180/120/90/60/30)		**60 days (From last date of Submission of bid)**
Address for Communication		**EE(E), MZ-136, Main Building, IIT Delhi**
Contact No.		**011-26548437**
Fax No.		**Nil**
Email Address		aashish@admin.iitd.ac.in

Instructions for Online Bid Submission:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app). 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:

http://eprocure.gov.in/eprocure/app

REGISTRATION

1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3) 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.
4) 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 / TCS / nCode / eMudhra etc.), with their profile.
5) 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 DSCs to others which may lead to misuse.
6) Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

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 formats. Bid documents may be scanned with 100 dpi with black and white option.

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" 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 he/she 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 "on-line" to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS (Refer to Schedule, Page No.2).

4) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. 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.

   OR

   In some cases Financial Bids can be submitted in PDF format as well (in lieu of BOQ).

5) 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.

6) 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 maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.

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, 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) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

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. The contact number for the helpdesk is 1800 233 7315.

General Instructions to the Bidders

1) The tenders will be received online through portal http://eprocure.gov.in/eprocure/app . In the Technical Bids, the bidders are required to upload all the documents in .pdf format.

2) Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://eprocure.gov.in/eprocure/app . Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://eprocure.gov.in/eprocure/app under the link "Information about DSC".

3) Tenderer are advised to follow the instructions provided in the 'Instructions to the 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.

Terms & Conditions Details

S.No.	Specification
1.	**Due date**: The tender has to be submitted on-line before the due date. The offers received after the due date and time will not be considered. No manual bids will be considered.
2.	**Preparation of Bids**: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid in the given format i.e BOQ_XXXX. OR Financial Bids to be submitted in Excel. The Technical bid and the financial bid should be submitted Online.
3.	**EMD (if applicable): As per NIT**
4.	**Refund of EMD :- As per NIT**
5.	**Opening of the tender: As per Tender Notice, NIT & IITD form 8**
6.	**Acceptance/ Rejection of bids:** The competent authority of IIT Delhi reserves the right to reject any or all offers without assigning any reason.
7.	**Pre-qualification criteria: - Mentioned in Tender notice**
8.	**Performance Security:-Mentioned in Tender notice**
9.	**Force Majeure :- As per IITD form 8**
10.	**Risk & Cost Clause : As per IITD form 8**
11.	**Delivery and Documents: As per Tender Notice & NIT & IITD form 8**
12.	**Delayed delivery: As per Tender Notice & NIT & IITD form 8**
13.	**Prices: As per Tender Notice & NIT & IITD form 8**
14.	**Progress of Work :As per Tender Notice & NIT & IITD form 8**
15.	**Inspection and Tests: As per Tender Notice & NIT & IITD form 8**
16.	**Resolution of Disputes: As per Tender Notice & NIT & IITD form 8**
17.	**Applicable Law:As per Tender Notice & NIT & IITD form 8**
18.	**Supplier Integrity : As per Tender Notice & NIT & IITD form 8**
19.	**Training : As per Tender Notice & NIT & IITD form 8**
20.	**Installation & Demonstration : As per Tender Notice & NIT & IITD form 8**

21.	**Incidental services: As per Tender Notice & NIT & IITD form 8**
22.	**Defect liability Period** : **As per Tender Notice & NIT & IITD form 8**
23.	**Governing Language : As per Tender Notice & NIT & IITD form 8**
24.	**Applicable Law : As per Tender Notice & NIT & IITD form 8**
25.	**Notices : As per Tender Notice & NIT & IITD form 8**
26.	**Taxes : As per Tender Notice & NIT & IITD form 8**
27.	**Termination for Default : As per Tender Notice & NIT & IITD form 8**
28.	**Disputes and Jurisdiction**: **As per Tender Notice & NIT & IITD form 8**
29.	**Completion certificate**: **As per Tender Notice & NIT & IITD form 8**

Bid Submission

Online Bid Submission:

The Online bids (complete in all respect) must be uploaded online in two Envelops as explained below:-

Bid Document – 1 (Following documents to be provided as single PDF file)			
Sl. No.	**Documents**	**Content**	**File Types**
1.	Technical Bid	Compliance Sheet as per Annexure – I	.PDF
2.		Organization Declaration Sheet as per Annexure – II	.PDF
3.		List of organizations/ clients where the same products have been supplied (in last two years) along with their contact number(s). (Annexure-III)	.PDF
4.		Technical supporting documents in support of all claims made at Annexure-I.	.PDF
Bid Document – 2			
Sl. No.	TYPES	Content	
1.	Financial Bid	Price bid should be submitted in Excel format.	.xls

HAUZ KHAS, NEW DELHI - 110016

NOTICE INVITING TENDER

Item rate tenders are invited on behalf of The Board of Governors, I.I.T. Delhi, Hauz Khas, New Delhi - 16 from approved and eligible contractors of **CPWD** and those of appropriate class of **M.E.S., BSNL and Railway** dealing with **Composite works of Civil and Electrical** for the work of **Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.**

1.The enlistment of the contractors should be valid on the last date of submission of tenders.

In case only the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

1.1 The work is estimated to cost Rs**. 1,75,14,846/- This** estimate, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to tender, should clearly indicates the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

1.2 Intending bidder is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents.

1.2.1 Criteria of eligibility for CPWD as well as non-CPWD contractors.

Three similar works each of value not less than 40% of estimated cost or two similar work each of value not less than 60% of estimated cost or one similar work of value not less than 80% of estimated cost (rounded to nearest Rs. 1000/-) during last 7 years ending on previous day of last day of submission of bids.

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated during last 7 years ending on previous day of last day of submission of bids.

1.2.2 To become eligible for issue of bid, the bidders shall have to furnish an affidavit as under :-

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in I.I.T.D in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. I.I.T.D 7/8 which is available as I.I.T.D. Publication. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **as per Tender Notice** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.

4. **The site is available to start the work**.

5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from the web Site **www.iitd.ac.in or e-procure.gov.in free of cost.**

6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of tender as notified.

7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.

8. If it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the tender submitted earlier shall become invalid.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice / web notice shall be scanned and uploaded to the tender website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice / web notice shall have to be submitted by the lowest bidder in the office of tendering authority.

Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited tender online fees with and earnest money deposit and other documents scanned and uploaded are found in order.

The bid submitted shall become invalid &Tender fees shall not be refunded if:

(i) The bidder is found ineligible.

(ii) The bidder does not upload all the documents as stipulated in the bid documents.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.

9. The contractor whose bid is accepted will be required to furnish **performance guarantee of 3% (Three Percent)** of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/ 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 or irrevocable Bank Guarantee Bonds of any Scheduled Bank or the State Bank of India 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.

10. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and subsoil (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 bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders 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 bid by a bidder 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.

11. The competent authority on behalf of the Board of Governors does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.

12. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.

13. The competent authority on behalf of Board of Governors reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.

14. The contractor shall not be permitted to bid for works in the IITD responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the IIT Delhi. Any breach of this condition by the contractor would render him liable to be debarred from bidding process in future in IIT Delhi.

15. 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 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.

16. The bid for the works shall remain open for acceptance for a period of **Sixty (60) days** from the last date of submission of bid, if any bidder withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the IIT Delhi shall, without prejudice to any other right or remedy, the bidder shall debarred for tendering in IIT Delhi for a period of one year.

17. This notice inviting bid shall form a part of the contract document. The successful bidder / contractor, on acceptance of his bid by the Accepting Authority shall within 10 days from the stipulated date of start of the work, sign the contract consisting of:-

The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

b) Standard IITD Form –7/8 or other Standard IITD Form as mentioned.

18. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically in the office of Executive Engineer, then the bid submitted shall become invalid and the IIT Delhi shall without prejudice to any other right or remedy, the bidder shall debarred for tendering in IIT Delhi for a period of one year.

19.For Composite Bid

19.1The **Executive Engineer [E]** shall be Engineer-in-charge of the major component and will call the bids for the composite work, Earnest Money will be fixed with respect of the combined estimate cost put to tender for the composite bid.

19.2**The bid document will include following three components: -**

Part A- IITD-6, IITD-7 including schedule A to F for the major component of the work. Standard General Conditions of contract for CPWD 2020 as corrected/modified uptodate.

Part B – General/Specific conditions, specifications and schedule of quantities applicable to major component of the work.

Part C :- Schedule A to F for minor component of the work I.E. (Institute Engineer/EE Engineer-in-charge of major component shall also be competent authority under clause 2 and clause 5 as mentioned as schedule A to F to major components), General/ specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.

19.3 The bidder must associate himself, with experienced agencies of the appropriate class eligible of bid for each of the minor component individually.

19.4 The eligible bidders shall quote rated for all items of major component as well as for all items of minor component of work.

19.5 After acceptance of the bid by Component authority, the **EE [E]** of the work shall issue letter of award on behalf of the Board of Governors, IIT Delhi, After the work is awarded, the main contractor will have to enter into one agreement with **EE [E]** and has also to sign two or more copies of agreement. On such signed set of agreement shall be handed over to EE (CD-I) in charge of minor component. **EE [E]** will operate Electrical work and EE (CD-I) will be in charge of minor component shall operate Civil works.

19.6 Entire work under the scope of composite bid including major and all minor component shall be executed under one agreement.

19.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works. The Earnest Money will become part of security deposit of the major component of work.

19.8 The main contractor has to associate agency(s) for minor component (s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency (s) to Engineer-in-charge of minor component(s) within prescribed time, Name of agency (s) to be associated shall be approved by Engineer-in-charge of minor component(s).

19.9 In case the main contractor to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of minor component. The new agency/agencies shall also have agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

19.10 The main contractor has to enter into agreement with contractor(s) associated by him for execution of minor components(s) in case the main contractor does not have capability to execute the minor component work. Copy of such agreement shall be submitted to EE[E] and EE(CD-I), in charge of major and minor component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.

19.11-Running payment for the major component shall be processed by EE [E] of major discipline to the main contractor. Running payment of minor components shall be made by EE [CD-I], discipline of minor component directly to the main contractor.

19.12AThe composite work shall be treated as completed when all the components of the work are complete and certified. The completion certificate of the composite work shall be recorded by Engineers-in-charge of major component after record of completion certificate of all other components.

19.12B Final bill of whole work shall be finalized and paid by the EE[E] of major component. EE (CD-I), in charge of minor component(s) will prepare and pass the final bill for their respective component of work and pass on the same to the EE (E) of major component for including in the final bill for composite contractor.

To,

……..,

……..,
……..

Subject:- NIT No. /IITD/EE(E)/2022-23 for the work of Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.

Dear Sir,

It is here by declared that I.I.T.D 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 and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the I.I.T.D.

Yours faithfully

Executive Engineer (E)

(To be signed by bidder and upload the scanned copy)

To,

Executive Engineer (E),

IIT Delhi, Hauz Khas,

New Delhi – 110016.

Subject:- **Submission of Bid for the of Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi**.

Dear Sir,

I/We acknowledge that I.I.T.D is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender / bid documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by I.I.T.D. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, I.I.T.D shall have unqualified, absolute and unfettered right to disqualify the tender / bidder and reject the tender/bid is accordance with terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To be signed by the bidder and same signatory competent / authorized to

sign the relevant contract on behalf of I.I.T.D.

INTEGRITY AGREEMENT

This Integrity Agreement is made at ..... on this ..... day of..... 20.....

BETWEEN

The Board of Governors, I.I.T. Delhi, Hauz Khas, New Delhi - 16 represented through Executive Engineer (E) IIT Delhi.

....., (Hereinafter referred as the(Address of Division)

'**Principal/Owner**', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....(Name and Address of the Individual/firm/Company)through ..... (Hereinafter referred to as the(Details of duly authorized signatory)"**Bidder/Contractor**" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)**Preamble**

WHEREAS the Principal / Owner has floated the Tender (NIT No. .....) (Hereinafter referred to as "**Tender/Bid**") and intends to award, under laid down organizational procedure, contract for …….....

(Name of work)hereinafter referred to as the "**Contract**".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "**Integrity Pact**" or "**Pact**"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

   (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

   (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

   (c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of **fraud or corruption or Coercion or Collusion** of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

   a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

   b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

   c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner aspart of the

business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice **means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests**.

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. **Such exclusion may be forever or for a limited period as decided by the Principal/Owner**.

2) **Forfeiture of EMD/Performance Guarantee/Security Deposit**: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may

in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.

3) **Criminal Liability**: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/sub-vendors.
2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 09 Months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, I.I.T.D.

Article 7- Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the Principal/Owner, who has floated the Tender.
2) Changes and supplements need to be made in writing. Side agreements have not been made.

3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES:

1. .....

   (signature, name and address)

2. .....
   (signature, name and address)

Place:

Dated :

Form of Earnest Money Deposit Bank Guarantee Bond

WHEREAS, contractor .. ……..(Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the construction of(name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we .....…..(name of bank) having our registered office at.....(hereinafter called "the Bank") are bound unto.....
(Name and division of Executive Engineer) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. ..... (Rs. in words .....) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this .....day of ..... 20....
THE CONDITIONS of this obligation are:

(1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;

(2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:

(a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;

OR

(b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,

OR

(c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor,

OR

(d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge either up to the above amount or part thereof upon receipt of his first written demand, without the Engineer-in-Charge having to substantiates his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by his is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date* ..... after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE .....

SIGNATURE OF THE BANK

WITNESS .....SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

PERFORMANCE GUARANTEE

(i) The contractor shall submit an irrevocable Performance Guarantee of 3% (Three percent) of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and/or without prejudice to any other provisions in the contract) within period specified in Schedule 'F' from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge up to a maximum period as specified in schedule 'F' on written request of the contractor stating the reason for delays in procuring the Performance Guarantee, to the satisfaction of the Engineer-in-Charge. This guarantee shall be in the form of Cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at Call receipt of any scheduled bank/Banker's Cheque of any scheduled bank/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 or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the form annexed hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government as part of the performance guarantee and the Bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.

(ii) The **Performance Guarantee shall be initially valid up to the stipulated date of completion plus 60 Days** beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent authority, the performance guarantee shall be returned to the contractor, without any interest.

(iii) The Engineer-in-Charge shall not make a claim under the performance guarantee except for amounts to which the BOG is entitled under the contract (not withstanding and/or without prejudice to any other provisions in the contract agreement) in the event of:

(a) Failure by the contractor to extend the validity of the Performance Guarantee as described herein above, in which event the Engineer-in-Charge may claim the full amount of the Performance Guarantee.

(b) Failure by the contractor to pay BOG any amount due, either as agreed by the contractor or determined under any of the Clauses/Conditions of the agreement, within 30 days of the service of notice to this effect by Engineer-in-Charge.

(iv). In the event of the contract being determined or rescinded under provision of any of the Clause/Condition of the agreement, the performance guarantee shall stand forfeited in full and shall be absolutely at the disposal of the BOG.

FORM "F"

STRUCTURE & ORGANISATION

1. Name & Address of the bidder
2. Telephone no./ Telex no./ Fax no.
3. Legal status of the bidder (attach copies of original document defining the legal status)
   a. An Individual
   b. A proprietary firm
   c. A firm in partnership
   d. A limited company or Corporation
4. Particulars of registration with various Government Bodies (attach attested photocopy)

Organization/ Place of registration Registration No.

1.

2.

3.

5. Name and tiles of Directors & Officers with designation to be concerned with this work……..!
6. Designation of individuals authorized to act for the organization……!
7. Has the bidder or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons for abandonment……!
8. Has the bidder or any constituent partner in case of partnership firm, ever been debarred/ blacklisted for tendering in any organization at any time? If so, give details……...!
9. Past work experience in IIT Delhi will be considered in deciding the Technical bid…….!

Signature of Bidder(S)

ANNEXURE-I

COMPLIANCE SHEET

TECHNICAL SPECIFICATION:

S.No.	Technical Bid Requirement As per Tender Notice & NIT & IITD form 8	Compliance Y/N
1	Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank against EMD.	
2	Enlistment order of contractor.	
3	Certificate of work experience.	
4	Certificate of Registration for GST and acknowledgement of up to date filed return of GST.	
5	Affidavit as per Notice Inviting Tender Condition 1.3 page 7 of NIT. (Affidavit shall be purchased/ notarized between date of publishing and last date of submission of bids beside this NIT/Tender ID and name of work must be mentioned on the affidavit.).	
6	Acceptance to execute INTEGRITY PACT.	
7	Undertaking as per **page-5/ Sl. No. 20'** on firm's letter head. **"the physical EMD shall be deposited by me / us with the Authority inviting the tender, in case I / we become the lowest tenderer, within a week of the opening of financial bid, otherwise, department may reject the tender and also take action to debar me / us from tendering in any form in IIT Delhi"**	
8	ESI & EPF registration.	
9	FORM "F" (Duly filled with all required details).	
10	Tender Fee of Rs. 1000/- to be deposited through RTGS to Registrar IIT Delhi as per detail given in schedule page-10 and its proof to be uploaded with technical bid	
11	Annexure-1 (Dully Filled & signed by the bidders)	
12	Annexure 2 (Dully Filled & signed by the bidders)	
13	Annexure 3 (Dully Filled & signed by the bidders)	
14	In case of Partnership firm if all the papers of tender not signed by all the partners than a power of attorney authorizing the person who has signed the tender paper must be uploaded with the tender documents.	
15	Any other documents given in NIT	
16	BOQ	

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

ADDITION: NIL CORRECTION : NIL EE[C] EE[E]
OVERWRITING: NIL DELETION: NIL

ANNEXURE-II

<< Organization Letter Head >>

DECLARATION SHEET

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been registered as per Tender Notice & NIT & IITD form 8Tender.We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document.

We, further specifically certify that our organization has not been Black Listed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	NAME & ADDRESS of the Vendor/ Manufacturer / Agent
1. Phone	**As per Tender Notice & NIT**
2. Fax	
3. E-mail	
4. Contact Person Name	
5. Mobile Number	
6. GST Number	
7. PAN Number	
8.(In case of on-line payment of Tender Fees) UTR No. (For Tender Fee)	
9.(In case of on-line payment of EMD) UTR No. (For EMD)	

(Signature of the Tenderer)

Name:

Seal of the Company

Annexure-III

List of Govt. Organization/Deptt.

List of Government Organizations for whom the Bidder has undertaken such work As per Tender Notice & NIT & IITD form 8		
Name of the organization	**Name of Contact Person**	**Contact No.**

As per Tender Notice & NIT

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No. : _____

PART 'B'

I.I.T.D – 7/8 e-TENDERING	I.I.T.D

INDIAN INSTITUTE OF TECHNOLOGY
HAUZ KHAS, NEW DELHI - 110016

Item Rate Tender & Contract for Composite Work

Tender for the work of: **Name of work: -Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.**

(i) To be submitted by **as per tender notice** …… to
……
(ii) To be opened in presence of bidders who may be present at **as per tender notice** ……
in the office of **D.R. (Store)**
Issued to ……..
Signature of officer issuing the documents ……..……
Designation ……..……
Date of Issue …….

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the The Board of Governors, I.I.T. Delhi, HauzKhas, New Delhi - 16 within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for **Sixty (60)** days from last date of submission of bid.

A sum of **as per tender notice** is hereby forwarded in Banker Cheque or Demand Draft or Fixed Deposit receipt of a schedule bank drawn in favour of IIT Delhias earnest money. If I/We, fail to furnish the prescribed performance guarantee within prescribed period. I/We agree that the said The Board of Governors, I.I.T. Delhi, HauzKhas, New Delhi - 16 or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that The Board of Governors, I.I.T. Delhi, HauzKhas, New Delhi - 16 or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.5 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money & Performance Guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/We shall be debarred for tendering in I.I.T.D in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for an on behalf of The Board of Governors, I.I.T. Delhi, Hauz Khas, New Delhi - 16 for a sum of

(Rupees……..……).

The letters referred to below shall form part of this contract agreement: -

(a)

(b)

(c)

For & on behalf of Board of Governors, IIT Delhi

Signature ……..

Dated: Designation …….

SCHEDULES (A to F)

(For Civil & Electrical Component)

SCHEDULE 'A'

Schedule of quantities for Civil& Electrical work as attached.

SCHEDULE 'B'

Schedule of materials to be issued to the contractor

S.No.	Description of item	Quantity	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 requirement/document for the work, if any.	Nil.

SCHEDULE 'E'

Reference to General Conditions of contract :	GCC for Maintenance work 2020 for CPWD works along with correction on slips/amendments issued upto last date of submission of bid.

Name of Work	:	**Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.**
Estimated cost of work:	:	**Rs.1,75,14,846/-**
Earnest Money:	:	**Rs. 3,50,300/-**
Performance Guarantee	:	3% of tendered Value
Security deposit	:	2.5 % of tendered value

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:

1. Officer inviting tender	:	Executive Engineer [E]
2.Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.5	:	See below

Definitions:

2(i)	Engineer-in-Charge	:	Executive Engineer [E]
2(ii)	Accepting Authority	:	Institute Engineer
2(iii)	Percentage on cost of materials and Labour to cover all overheads and profits:	:	15%
2(iv)	Standard Schedule of Rates:	:	DSR 2021 for Civil works with 10% cost index & DSR 2022 for Electrical works with corrected up to last date of submission of bid& Market Rate.
2(v)	Department:	:	**Works department at I.I.T Delhi**

2(vi) Standard IITD Form & GCC for Maintenance work 2020, modified & Corrected up to last date of submission of bid.

Clause 1

(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance : **5 days**

(ii) Maximum allowable extension with late fee @ 0.1 % per day of Performance guarantee amount beyond the period provided in (i) above, : **2days**

Clause 2

Authority for fixing compensation under clause 2: : Institute Engineer

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start: : 5days

MILE STONE CHART

Sl. No.	**Description of mile stone (financial terms)**	**Period for completion from date of start in days/months**	**Withheld amount for non-achievement of mile stone.**
1	Completion of 10% of work done	1/4th (of the whole work)	In the event of not achieving the necessary progress as assessed from the running payment, 1% of the Tender value of work will be withheld for failure of each milestone.
2	Completion of 40% of work done	1/3th (of the whole work)	
3	Completion of 75% of work done	3/4th (of the whole work)	
4	Completion of 100% of work done	02 Months	

Allowed for execution of work :**02Months**

Authority to decide:

(i) Extension of time : Institute Engineer

(ii)	Rescheduling of mile stones	:	Institute Engineer
(iii)	Shifting of Date of start in case of delay in handing over of site	:	Institute Engineer

Clause 6A : Applicable (Computerized MB)

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: : Minimum Rs. 30.00 Lakhs

Clause -7A :**As per Institute Policy**

No running account bill shall be paid for the work till the applicable labour licences, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge

Clause 10A

List of testing equipment to be provided by the contractor at site lab : **Not Applicable**

Clause 10B : **Not Applicable**

Clause 10C

Component of labour expressed as percent of value of work**:25%** for Civil work

15% for Electrical work

Clause 10CA : **NotApplicable**

S.No.	Material Covered under this clause	**Nearest Materials (other than cement, reinforcement bars and the structural steel) for which All India Wholesale Price Index to be followed**	**Base Price of all Materials covered under clause 10 CA* (July 2022)**
1.	Cement	**Not Applicable**	
2.	Cement		
3.	Reinforcement bars		
4.	Structural steel		

Clause 10CC

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

NotApplicable

Clause 11

Specifications to be followed for execution of work : **CPWD specifications 2019 Vol I and Vol II** and **CPWD Specification 2013** for Electrical works corrected slips & manufacturers Specifications upto the last date of bid submission/uploading of tender.
Detailed nomenclature of items& specifications for market rate items as per Engineer-in-charge

Clause 12

	Type of work	:	**Maintenance work**
12.2&12.5	Deviation limit beyond which clauses 12.2 & 12.5 shall apply for building work	:	100%
12.5 (I)	Deviation Limit beyond which clauses 12.2 & 12.5 shall applicable for	:	100%

	foundation work (Except items mentioned in earthwork subhead of DSR and related items)		
12.5 (II)	Deviation Limit for Items in earth work subhead of DSR and related items	:	100%

Clause 16

Competent Authority for deciding reduced rates : Institute Engineer

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site : As per requirement

Clause 25

Constitution of Dispute Redressal Committee (DRC)	
Chairman	NIL
Member	
Member	

Note: The above constitution of Dispute Redressal Committee is subject to change, for which necessary notification shall be issued by the competent authority of the department, if required.

Clause 32

Requirement of Technical Staff(s) & Recovery Rate

Cost of Work (Rs. In Crore)	**Requirement of Technical Staff**		**Minimum Experience (Years)**	**Designation**	**Rate at which recovery shall be made from the Contractor in the event of not fulfilling provision of clause 32**
	Qualification	Number			
More than 1.5 to 5 cr.	Graduate Engineer or Diploma Engineer	2 (1 Civil Engineer + 1 Electrical Engineer)	2 or 5 Respectively	Project planning/quality/billing Engineer	Rs. 15,000/- per month per person

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma Holder with minimum 10 years relevant experience with a reputed construction company can be treated at par with graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50 % of requirement of degree Engineers.

Clause 38

i)	Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2021with up to date correction printed by C.P.W.D.	
ii)	Variations permissible on theoretical quantities	
a)	Cement:	
	For works with estimated cost put to tender not more than Rs.5 lakh.	3% plus/minus. (Three percent)
	For works with estimated cost put to tender more than Rs.5 lakh	2% plus/minus. (Two percent)
b)	Bitumen all works.	2.5% plus & only & nil on minus side
c)	Steel Reinforcement and structural steel sections for each diameter, section and category	2% plus/minus (Two percent)
d)	All other materials	
e)	Schedule for determining theoretical consumption of Brick work on the basis of DSR 2021	

SPECIAL CONDITIONS

1.0 Non Judicial stamp paper worth Rs. 10/- (Ten Rupees only) will be submitted by contractor which will have to be signed as token of acceptance.

2.0 No T & P would be supplied by the Institute and contractor will have to make his own arrangement.

3.0 The contractors are advised to get acquitted with the proposed work including specifications & its site and additional conditions carefully before quoting. No claim of any sort shall be entertained or account of any site conditions and ignorance of specifications & additional conditions. The work shall be carried out as per the availability of site.

4.0 The work shall be carried out as per CPWD specifications for civil and electrical work with up – to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer-in-Charge shall be final and binding on contractor.

5.0 The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, GST & stacking of material required at places etc. The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.

6.0 Any damage done by the contractor to any existing item / any part of the building during the course of execution of work shall be made good by at his own cost.

7.0 Articles manufactured by the reputed firms as per approved make list and as approved by Engineer-in-charge shall only be used at work.

8.0 The sample of material required in the work brought at site shall be submitted prior Technical specification of individual item and got approval of material from Engineer –in-Charge before use in execution of work.

9.0 The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by the IITD if satisfactory report and if test results are unsatisfactory than testing charges shall be deducted from bills of contractor. All other expenditure to be incurred for taking sample, conveyance, packing etc. shall be borne by the contractor.

10.0 The contractor shall submit a detailed program of work within 3 days of the date of award of work. The Engineer – in-Charge can modify the program and the contractors have to work accordingly.

11.0 The contractor shall make his own arrangement for getting the permission with respect to trucks from the Traffic Police.

12.0 No payment shall be made to contractor for any damage caused by the rain, snowfall or any other natural causes what so ever during the execution of work.

13.0 Some restrictions may be imposed by the security staff of IIT Delhi etc. on the working and or movement of labour& material. **No labour camp/ huts shall be allowed in IIT Campus. The contractor shall make his own arrangement for labour huts outside the campus.** However constructions of cement godown and Chowkidar's hut in the Campus shall be permitted. The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.

14.0 The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing the work.

15.0 The Malba / Garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site of MCD and all statutory approvals from local bodies shall be a sole responsibility of contractor.

16.0 The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment's left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.

17.0 Contractor has to quote against the item of schedule of credit of material. The contractor cannot quote either minus rate or Zero rate for these items.

18.0 Income tax and other taxes as applicable shall be deducted from the bills of contractor.

19.0 1% labour cess or as applicable will be deducted from the bills of contractor.

20.0 Water charges @1% and Electricity charges @0.50% of gross work done shall be deducted from bills of contractor if electricity and water provided by IIT Delhi.

21.0 Agency has to take proper safety major during the execution of work.

22.0 GCC form 7/8 shall form part of NIT and the bidder shall go through GCC 2020 CPWD before quoting rates and the same shall be deemed to be accepted by bidder if he participates in the tender.

23.0 ESI & EPF shall be reimbursed as per norms on production of original receipt of ESI & EPF from contractor specific to this work. .

24.0 The contractor shall submit the programme of execution of work as per clause 5 of GCC of IIT form 7/8 of NIT including list of workers to be deployed by contractor for this work.

25.0 Contractor shall be responsible for keeping site free of any kind of mosquito breeding. If it is found that breeding is taking place the entire responsibility shall be of contractor to bear challan etc. done by local bodies.

26.0 GST shall considered as inclusive in quoted rate of agency.

27.0 Electrical work will be executed only through the agency who is having valid electrical license and the copy of valid electrical license will be submitted before start of work.

28.0 Specialized Work:

28.1. The following works are considered as specialized work.

(a). Water Proofing .

(b). High Mast Electrical Work.

(c). Sport Field/ Track/ Surface of Court work.

28.2. The above specialized work shall be carried by specialized agencies/ agency on their own if they have experience of

(a) 03 similar work of 40% value of specialized work component of Tendered amount.

(b) 02 similar work of 60% value of specialized work component of Tendered amount.

(c) 01 similar work of 80% value of specialized work component of Tendered amount.

Integral Cement Based Water Proofing Treatment

1) The brickbats shall be from well-burnt bricks. The proprietary waterproofing compound shall conform to IS: 2645-1975. Before execution of work, water proofing compound has to be brought to site from which random sample would be got tested and a certificate of it's conforming to IS Code should be produced. The proprietary waterproofing compound shall be added at the rate recommended by the specialized firm but not exceeding 8% (Eight percent) by weight of cement.

2) The finished surface after waterproofing treatment shall have minimum slope of 1 in 80. At no point shall the thickness of waterproofing treatment be less than 65mm.

3) While treatment of roof surface is done it shall be ensured that the outlet drainpipes have been fixed and mouths at the entrance have been added and rounded off properly for easy flow of water.

4) The surface where the waterproofing is to be done shall be thoroughly cleaned with wire brushes. All loose scales shall be removed and dusted off. The surface shall be treated with neat cement slurry admixed with proprietary water proofing compound to penetrate into crevices and fill up all the pores in the surface. This cement slurry shall be applied at the junction of parapet and terrace slab by injection process.

5) After the slurry coat is laid, layer of well burnt brick bats shall be laid in cement mortar of mix as specified by the specialist firm but not leaner than 1:5(1 cement: 5 coarse sand) admixed with proprietary water proofing compound to required gradient and joints filled to half the depth. The brick bat of various thickness shall be used to achieve the specified gradient. This layer shall be rounded at the junction with the parapet and tapered towards top for a height of 300 mm. Curing of this layer shall be done for three days.

6) After curing, the surface shall be applied with a coat of cement slurry admixed with proprietary water proofing compound.

7) Joints of brick bat layer shall be filled fully with cement mortar of mix as specified by the specialized firm but not leaner than 1:4 (1 cement: 4 coarse sand) admixed with proprietary waterproofing compound and finally top finished with average 20mm thick layer of same mortar and finished smooth with cement slurry admixed with proprietary water proofing compound. The finished surface shall have marking of 300 x 300 mm false squares to give the appearance of tiles.

8) Curing of water proofing treatment shall be done for a minimum of ten days.

9) The Measurement shall be taken along with the finished surface of treatment including the rounded and trap portion of junction of parapet wall.

FORM OF WATER PROOFING WORKS
GUARANTEE BOND ON STAMP PAPER

This agreement made this……..day of two thousand…….. between M/s……(hereinafter called the Guarantor of the one part) and the BOG IIT Delhi (hereinafter called the Govt. of the other part).

Whereas this agreement is supplementary to the contract (hereinafter called the Contract) dated…….. made between the Guarantor of the one part and Govt. of the other part, whereby the contractor inter alia, undertook to render the Buildings and structures in the said contract recited completely water and leak proof.

And whereas the Guarantor agreed to give a guarantee to the effect that the said structure will remain waterproof for **Five years** to be reckoned from the date after the maintenance period prescribed in the contract expires.

During this period of guarantee the Guarantor shall make good all defects and for that matter, shall replace at his risk and cost such members as may be damaged by water and in case of any other defect being found he shall render the building waterproof at his cost to the satisfaction of the Engineer-in- Charge and shall commence the works of such rectification within seven days from the date of issuing notice from the Engineer-in-Charge calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's cost and risk and in the latter case the decision of the Engineer-in-charge as to the cost, recoverable from the Guarantor shall be final and binding.

That if the Guarantor fails to execute the waterproofing or commits breaches hereunder then the Guarantor will indemnify principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the Guarantor in performance and observance of this supplemental agreement. As to the amount of loss and/or damage and/or cost incurred by the Government the decision of the Engineer-in-charge will be final and binding on the parties.

In witness whereof of these presents have been executed by the Obligor…….and by……. For and on behalf of the BOG IIT Delhi on the day, month and year first above written.

SIGNED, SEALED and delivered by OBLIGOR in presence of-
1.
2.

SIGNED for and on behalf of BOG IIT Delhi by……..in the presence of-
1.
2.

Blanks to be filled by ***Contractor/EE(CD-I)***

LIST OF APPROVED MAKES FOR CIVIL &ELECTRICAL WORKS

A-Civil Items

S. No.	Description	Approved Makes
1	EWC Seat Covers	HINDWARE/PARRYWARE/ CERA
2	C.P Brass Fittings/ Accessories	JAQUAR, MARC, KOHLAR
3	Cement (Grey) OPC/ PPC Grade-43	ACC/ L&T/ J.K./ BIRLA/ ULTRA TECH/ VIKRAM
4	Cement (White)	J.K./ BIRLA
5	Reinforcement Steel	PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL/ SECONDARY MANUFACTURER HAVING VALID BIS LICENSE (TO BE AS PER LATEST BIS PROVISIONS)
6	Structural Steel	PRIMARY MANUFACTURERS APPROVED BY MINISTRY OF STEEL/ SECONDARY MANUFACTURER HAVING VALID BIS LICENSE (TO BE AS PER LATEST BIS PROVISIONS)
7	Stainless Steel (Grade 304)	JINDAL/ SAIL/ SALEM
8	Bricks	COMMERCIALLY AVAILABLE OR REQUIRED STRENGTH
9	Aluminum Sections	HINDALCO/ JINDAL/ MAHAVIR
10	Flush Doors	CENTURY/ MERINO/ DURO BOARD/ GREEN
11	Laminates	GREENLAM/ DURO/ ARCHID/ MERINO/ DECOLAM/ CENTURY
12	Glass	SAINT GOBIN/ MODI FLOAT/ ASAHI FLOAT
13	Ceramic Glazed tiles/ Border tiles	1ST QUALITY KAJARIA / NITCO/ JOHNSON/ ORIENT/ SOMANY
14	Vitrified Tiles	JOHNSON/ KAJARIA/ ORIENT/ SOMANY
15	Interlocking precast paver blocks/ Kerb Stone	HINDUSTAN TILES/ SWASTIK/ DALAL
16	Stainless Steel Hinges	JOLLY/ GARG/ AMIT/ ASI/ SUPREME
17	Stainless Steel Nuts bols / Screws	KUNDAN/ PUJA/ ATUL/ GKW
18	Paint/ Primer/ Oil bound distemper/ Acrylic paint/ Plastic paint	1ST QUALITY PAINTS OF ASIAN/ BERGER/ NEROLAC/ SHALIMAR/ DULUX
19	Water Proof Cement Paint/ Exterior Paint	1ST QUALITY PAINTS OF ASIAN/ BERGER/ NEROLAC/ SHALIMAR/ DULUX
20	Sanitary ware (Vitreous China) (European Seats, Urinals, Wash Basins, etc.)	HINDWARE/ PARRYWARE/ CERA
21	G.I. Pipes	TATA/ JINDAL(HISSAR)/ BHUSHAN/ APL APPOLO/ TT SWASTIK
22	G.I. Fittings	UNIK/ ZOLOTO/ AM
23	Stainless Steel Sink	NEELKANTH/ JAINA/ KINGSTON (COBRA)/ PRAYAG
24	Commercial Board/ Ply	MERINO/ DURO/ GREEN/ CENTURY/ KIT (SWASTIK)
25	CI Pipes/ Fittings & Manhole covers	RIF/ NECO/ BENGAL IRON WORKS/ BC/ SKF
26	CI Pipes “Class LA”	NICO/ KESORAM/ ELECTRO STEEL/ KAPILANSH
27	Floor Spring	DOORKING/ EVERITE/ SANDHU
28	Door Closer	EVERITE/ SANDHU/ HARDWIN
29	Mirror	ATUL/ MODIGUARD/ SAINT GOBAIN/ AASHI
30	Vertical Blinds	VISTA/ MAC/ MARVEL DÉCOR/ SAINT GOBAIN
31	False Ceiling	ARMSTROBG/ SAINT GOBAIN/ META WORTH
32	Water Proofing Compound	CICO/ FOSROC/ PIDILITE/ ECMAS/ ASIAN
33	Polymer Compound	CICO/ PIDILITE/ FOSROC/ ECMAS/ ASIAN
34	Particle Board	NOVA PAN/ BHUTAN BOARD/ ECO BOARD
35	Rust Remover/ Anticorrosive	FOSROC/ CICO/ PIDILITE/ ECMAS/ ASIAN
36	Crystalline Cementious Waterproofing compound	XYPEX / KRYTONE/ PENETRON
37	Tile Adhesive	PIDILITE/ FERROUSCRETE/ BALLNDURA/ CICO
38	Wall Putty	BIRLA / JK/ SARA
39	Epoxy Grout	BALLENDURA/ KERAKOLL/ FERROUSCRETE
40	PVC Water storage tank (ISI marked)	SINTEC/ UNI PLAST/ POLYWELL
41	PVC insulated water storage tank Heavy duty 4/5 layer	SINTEX/ UNI PLAST/ POLYWELL/ EURO
42	Brass Ball Valve/ Gate Valve/ Float Valve	ZOLOTO/ AM/ LEADER/ SANT
43	Aluminum Door Fittings	CLASSIC/ EVEREST/ ARGENT
44	Brass Bib/ Stop Cock	AGI/ ELITE/ SHAKTI/ SANT/ LEADER/ PRIMA
45	Thermoplastic Paint	CBM/ CMS/ S.N. INDUSTRIES
46	Plaster of Paris Putty	ADHARSHREE/ SHREE RAM/ J.K./ BIRLA
47	Rcc Pipe	LAKSHMI/ SOOD & SOOD/ JAIN & CO. / DIWAN SPUN PIPES
48	Pvc Pipe	PRAKASH/ PRINCE/ SUPREME

49	Sandwich Roof Panel (Puff Panel)	JSW, BHUSHAN, D-META
50	WPC Board And MPC Board	FLORESTA, ECOSTE, RAJ SHREE
51	WPC Door Frame	FLORESTA, ECOSTE, RAJ SHREE
52	Self Closing Hinges	HETTICH, KITCH, PLUM
53	Poly Carbonate Sheet	GE LEXAN / POLYGAL/ TUFLITE
54	Acp Panel	ALSTRONG/ ALUCOBOND/ EUROBOND/ ALUDECOR
55	Acoustic Wooden/ Fabric Paneling	ARMSTRONG/ ANUTONE/CREDENCE/ TOPAKUSTIC
56	Polyvinyl Flooring	ARMSTRONG / POLY FLOR/ TARKETT
57	Glow Stud, Solar Power Stud	ROAD STAR / 3M / DARK EYE /EVERY DENNISON
58	Wooden Flooring	VISTA/ ACTION TESA/ ARMSTRONG/ PERGO
59	Sun Control Film	3M/ GARWARE/ SAINT GOBAIN
60	Insulation	UP TWIGA LTD OR EQUIVALENT
61	Fire Door	NAVAIR/ SHAKTI/ GODREJ/ RADIANT
62	Flush Door Shutters Of Various Thickness	MERINO/ DURO/ GREEN/ CENTURY/ KIT (SWASTIK)
	Furniture	
63	Work Station	GODREJ INTERIO/ HAWORTH/ STEELCASE/ WIPRO/ FEATHERLITE/ HERMAN MILLER
64	Executive Table/ Other Table	GODREJ INTERIO/ HAWORTH/ STEELCASE/ WIPRO/ FEATHERLITE/ HERMAN MILLER
65	Chair/ Audi Chair	GODREJ INTERIO/ HAWORTH/ STEELCASE/ WIPRO/ FEATHERLITE/ HERMAN MILLER
66	Lab Furniture's	KEWANEE/ WALDNER/ GODREJ/ WIPRO/ FEATHERLITE
67	Hostel Beds And Cots	ZUARI/ EVOK/ GODREJ/ WIPRO/ FEATHERLITE
68	Hospital Beds	HUNTLEY/ STRIKER/ GODREJ/ WIPRO/ FEATHERLITE
	Electrical	
69	MCB(10KA) & MCB DB	Legrand /Havells/ Siemens/ Standard/Crompton/ L&T / GM/ C&S
70	MCCB	Legrand /Havells/ Siemens/Crompton/ L&T / C&S/ GE Power Control
71	MCCB BOX	Legrand /Havells/ Siemens/Crompton/ L&T / C&S/ GE Power Control
71	Modular type switch/ socket, TV socket,	Havells Crabtree / L&T/ MDS/ Wipro North West/ Legrand/GM / Polycab/ Schneider
72	Steel conduit pipe and Accessories (ISI)	BEC/ AKG/ NIC
73	PVC conduit pipe and Accessories(ISI)	BEC/ AKG/ NIC
74	Junction Boxes/ MS Boxes	Havells Crabtree / Anchor / North West / Legrand
75	Bushes	PVC/ Nylon
76	FRLS PVC insulated copper conductor cable	Polycab / Finolex / Havells/ KEI
77	Light Fixture	Philips/ Panasonic/ Bajaj/ Osram/ Havells/ Halonix
78	Ceiling Fans (Double ball bearing) & Wall Fan	Havells/ Atomberg/ Bajaj/ Usha/ Orient/ Halonix.
79	Exhaust Fan (Double Ball Bearing)	Crompton Greaves / GE / Almonard / Usha/ Havells/ Orient
80	Industrial type socket	Schneider / L&T/ ABB / Legrand
81	DLP U-PVC channel & accessories	Schneider / Legrand
83	Modular Plate & Cover Plate	Havells Crabtree / L&T/ MDS/ Wipro North West/ Legrand/GM / Polycab/ Schneider
85	Distribution Board	Legrand /Havells/ Siemens/ Standard/Crompton/ L&T / GM/ C&S
86	XLPE Alumium/ Copper conductor Armoured cable	Havells/ Gloster/ Polycab/ RR kabel/ KEI/ Universal
87	Multifunction Meter	L&T/ AE/ Universal/ ABB/ Siemens/ Kirloskar
88	Ammeter	L&T/ AE/ Universal/ ABB/ Siemens/ Kirloskar
89	Voltmeter	L&T/ AE/ Universal/ ABB/ Siemens/ Kirloskar
90	Frequency Meter	L&T/ AE/ Universal/ ABB/ Siemens/ Kirloskar
91	CT's	L&T/AE/ KAPPA/ Pragati
92	Selector Switches	L&T/AE/ KAPPA/ Pragati
93	Contractors	L&T/ GR power controls/ Crompton/ Havells/ Legrand
94	Push button & Pilor lamps	L&T/ Vishnoo/ BCH
95	LED indicating Lights	L&T/ Siemens/ Kaycee/ Crompton/ Vaishno
96	GI Pipe	Jindal Steel/ Jindal Hisar
97	DW HDPE Pipe	Reliance/ Duraline/ Hasti
98	LED Lights	Philips/ Panasonic/ Bajaj/ Osram/ Havells/ Halonix
99	Panel Manufacturers (Panel Shall be CPRI approved)	Eva engineering/Milestone/Tricolite/Edlac/ L&T
100	Cat 6 LAN Cable	D-Link
101	AC	As per BOQ

BID SUBMISSION

ONLINE BID SUBMISSION

The Online bids (complete in all respect) must be uploaded online in **two** Envelops as explained below: -

Envelope – 1 (Following documents to be provided as single PDF file)			
Sl. No.	**Documents**	**Content**	**File Types**
1.	Technical Bid	Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR of any Scheduled Bank against EMD.	.PDF
2.		Enlistment order of contractor.	.PDF
3.		Attested certificate of work experience.	.PDF
4.		Certificate of Registration of GST and acknowledgment of up to date field return of GST.	.PDF
5.		Affidavit as per Notice Inviting Tender Condition 1.3 page 19 of NIT. (Affidavit shall be purchased/ notarized between date of publishing and last date of submission of bids beside this NIT/Tender ID and name of work must be mentioned on the affidavit.).	.PDF
6.		Acceptance to execute INTEGRITY PACT.	.PDF
7.		Undertaking as per on firm's letter head. **"the physical EMD shall be deposited by me / us with the Authority inviting the tender, in case I / we become the lowest tenderer, within a week of the opening of financial bid, otherwise, department may reject the tender and also take action to debar me / us from tendering in any form in IIT Delhi"**	.PDF
8.		ESI and EPF Registration.	PDF
9.		FORM "F" (Duly filled with all required details	.PDF
10.		Proof of tender fees	.PDF
11		In case of Partnership firm if all the papers of tender not signed by all the partners than a power of attorney authorizing the person who has signed the tender paper must be uploaded with the tender documents.	PDF
12		Annexure-I (duly filled & signed by the bidders)	PDF
13		Annexure-I (duly filled & signed by the bidders)	PDF
14		Annexure-I (duly filled & signed by the bidders)	PDF
11		Any other documents specified in NIT	PDF
Envelope – 2			
Sl. No.	TYPES	Content	
1.	Financial Bid	Price bid should be submitted in BOQ format.	.Xls

All above documents shall be as per Tender Notice.

ADDITION: NIL CORRECTION : NIL EE[C] EE[E]
OVERWRITING: NIL DELETION: NIL

PART 'C'

SCHEDULE OF QUANTITY

Name of work:- Up gradation of Badminton Hall (SAC) and various courts (Lawn tennis court, Synthetic court, Volleyball court, Cricket Pitch, Basketball court, Basketball Practice pitch, Hockey ground) and sports facilities at IIT Delhi.

Sr.No	Description	Qty	Unit	Rate (Rs)(Inclusive of GST)	Amount (Rs)
1	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - item to be applicable in urban areas having directions for restricted hours for movement/ plying of load carrying motor vehicle of 3.5 cum or more.	24	Cum.		
2	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m:				
2.1	All kinds of soil.	9.2	Cum.		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
3.1	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	13	Cum		
3.2	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	4.5	Cum		
4	Centering and shuttering including strutting, propping etc. and removal of form work for :				
4.1	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	5.3	Sqm		

5	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.:				
5.1	Thermo Mechanically Treated bars of grade Fe 500D or more	604	Kg		
6	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.				
6.1	All works upto plinth level				
6.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	6.10	Cum		
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
7.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	2.0	Cum		
8	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	50.00	Sqm		

9	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
9.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5.7	Sqm		
10	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISi, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	1	Each		
11	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
11.1	250x16 mm	3	Each		
12	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
12.1	200x10 mm	4	Each		
13	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete				
13.1	125 mm	6	Each		
14	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
14.1	Twin rubber stopper	1	Each		
15	Welding by gas or electric plant including transportation of plant at site etc. complete.	2500.00	Cm		

16	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
16.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1950	Kg		
17	Providing and laying brick tiles over mumty roofs, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement, over 12 mm layer of cement mortar 1:3 (1 cement : 3 fine sand) and finished neat:				
17.1	With common burnt clay F.P.S. (non modular) brick tiles of class designation 10	1425.00	Sqm		
18	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement.				
18.1	12 mm cement plaster	936	Sqm		
19	Neat cement punning.	991	Sqm		
20	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
20.1	Two or more coats on new work	428	Sqm		
21	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
21.1	Two or more coats on new work	283.00	Sqm		
22	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	428	Sqm		
23	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	428	sqm		
24	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :				
24.1	One or more coats on old work	2450	Sqm		

25	Finishing walls with Acrylic Smooth exterior paint of required shade :				
25.1	Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	2158.00	sqm		
26	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
26.1	With cement mortar 1:4 (1 cement : 4 fine sand)	50	Sqm		
26.2	With cement mortar 1:4 (1cement: 4 coarse sand)	50	Sqm		
27	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer- in-charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.	236	Sqm		
28	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead	175	Kg		
29	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
29.1	For thickness of tiles 10 mm to 25 mm	30	Sqm.		
30	Excavating holes upto 0.10 cum, including getting out the excavated soil, then returning the soil as deported in layers not exceeding 20 cm in depth, including consolidating and deposited layer by ramming				

	watering etc., disposing of surplus excavated soil as directed with in a lead of 50 mm and lift upto 1.5 m.				
30.1	All kind of soil	71	Each.		
31	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.				
31.1	Made of G.I. wire of dia 4 mm	60.00	Sqm.		
32	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservior, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI 212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.				
32.1	For vertical surface two coats @ 0.70 kg per sqm.	1350.00	Sqm		
32.2	For horizontal surface one coat @1.10 kg per sqm.	75.00	Sqm		
33	Applying two or more coat of Ethyl Silicate chemical as approved by Archaeological Survey of India/ Engineer-in-charge, of approved brand and manufacturer, with brush or spray on the existing stone masonry surface till there is no further absorption of chemical by stone surface, including protecting the applied surface from direct sunlight by suitable means during application, all complete as per direction of the Engineer-in-Charge (The rate is inclusive of all materials & labours involved except scaffolding).	1425	Sqm		
34	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges,				

	making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge				
34.1	50mm average thickness	52.00	Sqm		
35	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.				
35.1	Bars upto 12 mm diameter	173	metre		
36	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/ balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.				
36.1	Upto and including 12mm dia.	220	Each		
37	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2).				
37.1	50 mm average thickness in 3 layers.	52	Sqm		
38	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in Charge.				

	(The payment shall be made on the basis of actual weight of approved grout injected.)				
38.1	Stirrer mixed SBR Polymer (of approved make) modified Cement slurry made with Shrinkage Compensating Cement in concrete/RCC work.	1000.00	Kg		
39	Providing and inserting 12mm dia galvanised steel injection nipple in honey comb area and along crack line including drilling of holes of required diametre (20mm to 30mm) up to depth from 30mm to 80mm at required spacing and making the hole & crack dust free by blowing compressed air, sealing the distance between injection nipple with adhesive chemical of approved make and allow it to cure complete as per direction of Engineer-In-Charge.	1100	Each		
40	Providing and fixing self adhesive frosted/decorative film on glass partition and glass door and windows of approoved design and make all complete as per direction of Engineer-in-charge.	220	Sqm		
41	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, (weight not less than 10 kg per sqm) fixing with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Marandi Wood 35 mm thick shutters	6	Sqm		
42	Supplying and fixing 10 Gauge weld mesh of size 50mm x 50 mm by means of "L" shaped mild steel shear key welded with new MS frame including the cost of materials, labour, tool & plants as approved by Engineer-in-charge. (Ref 26.55 & 26.40)	130	Sqm		
43	Dismantling old existing APP membrane sheet from the terrace laid in bitumen primer including staking material with in 50 m lead.	1425	Sqm		
44	Cleaning of mother concrete surface to Grinding remove dust and loosely adhering particles completely, properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge	1425	Sqm		
45	Supply and Installation of the Synthetic All Weather Acrylic Surface is of the following specifications: COMBINATION SURFACE – 4 LAYERS 1 layer of filler/to cover depressions etc;	2362.00	Sqm		

	1 layer of filler/resurfacer all over the court 2 layers of color; Court Line markings The synthetic surface is International Tennis Federation Approved. USA /Olymphic make surface preferred.				
46	Providing & fixing PU / PVC Flooring (Make-YENOX) for badminton court joint by SR solution or plastic welding code, of 4.5 mm thickness, colour green, roll size - 1.8Mtr X 15 mtr, weight 95 kg for 1 roll, all complete as per direction of Engineer- in Charge.	103	Sqm		
47	Supply, Installation, Testing and Commissioning of LED floodlighting luminaire for high mast lighting with Die-cast aluminium housing, powder-coated finish, of 500 (±6%) wattage. Luminaire shall be capable of producing not less than 120 lumen per watt. CRI shall be not less than 70 and front cover shall be PC modular lens / clear toughened glass. The should have a 20 KV/ 10 KV SPD duly bolted in the luminaire and the SPD should be able to sustain a minimum 15 hits of 10 kVratingi.e total of 45 hits across all the three modes as per IEEE 62.41.2. The luminaire should have breather to ensure the air balance inside outside the compartment. The wattage of each LED should be greater than 1 watt and less than 3 watt. Only high power single white LED chip with ceremic based suitable for oudoor use is allowed along with Potted facility and Luminaire shall be complete with driver and capable of operating at line voltage without any separate power supply from100-270 VAC, 50 Hz with power factor > 0.9. Fixture shall be suitable to operate at an ambient temperature range of-10°C to +50°C and shall be IP66 rated. Lifetime shall be at least L70:50000 burning hours at 50°C. Luminaire shall be conforming to BIS (IS10322) and LM 79, LM 80 reports needs to be submitted from NABL/UL approved Laboratory and the luminaire and driver should have seperate BIS and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, waterproof connectors, any modifications required while fixing on the existing cluster ring etc. as required. Existing pole heights vary from 12.5 m to 20 m. N.B.: Bidder must be authorised by the OEM of LED and authorisation should be bid specific i.e. authorisation letter should invariably contain the bid	140	Each		

	no. and name of work. Bidder shall have to submit type test certificate of BIS for the product (model) they intended to supply, latest valid Certificate of OEM for ISO 9001, 14001 & 45001. OEM declaration that they have NABL accedited inhouse test facility. All these documents shall have to be uploaded with the Technical Bid for further evaluation.Warranty: 5 years. [Make:- Philips/ Panasonic/ Bajaj/ Osram/ Havells/ Halonix]				
48	Supply, Installation, Testing and Commissioning of LED floodlighting luminaire for high mast lighting with Die-cast aluminium housing, powder-coated finish, of 350 (±6%) wattage. Luminaire shall be capable of producing not less than 120 lumen per watt. CRI shall be not less than 70 and front cover shall be PC modular lens / clear toughened glass. The should have a 20 KV/ 10 KV SPD duly bolted in the luminaire and the SPD should be able to sustain a minimum 15 hits of 10 kVratingi.e total of 45 hits across all the three modes as per IEEE 62.41.2. The luminaire should have breather to ensure the air balance inside outside the compartment. The wattage of each LED should be greater than 1 watt and less than 3 watt. Only high power single white LED chip with ceremic based suitable for oudoor use is allowed along with Potted facility and Luminaire shall be complete with driver and capable of operating at line voltage without any separate power supply from100-270 VAC, 50 Hz with power factor > 0.9. Fixture shall be suitable to operate at an ambient temperature range of-10°C to +50°C and shall be IP66 rated. Lifetime shall be at least L70:50000 burning hours at 50°C. Luminaire shall be conforming to BIS (IS10322) and LM 79, LM 80 reports needs to be submitted from NABL/UL approved Laboratory and the luminaire and driver should have seperate BIS and shall be complete with all necessary accessories required for proper working of fixture including weather proof connection cables, waterproof connectors, any modifications required while fixing on the existing cluster ring etc. as required. Existing pole heights vary from 12.5 m to 20 m. N.B.: Bidder must be authorised by the OEM of LED and authorisation should be bid specific i.e. authorisation letter should invariably contain the bid no. and name of work. Bidder shall have to submit type test certificate of BIS for the product (model) they intended to supply, latest valid Certificate of OEM for ISO 9001, 14001 & 45001. OEM declaration that they have NABL accedited inhouse test facility. All these documents shall have to be uploaded with the	25	Each		

	Technical Bid for further evaluation.Warranty: 5 years. [Make:- Philips/ Panasonic/ Bajaj/ Osram/ Havells/ Halonix]				
49	Repair and service of High mast pole including Gear box, wire, 1HP motor, chain polling, Nulbolt, 8 mm SS wire etc & including of hydra crane as required.				
49.1	12.5mtr height Hight mast pole	12	Each		
50	Repair and service of High mast pole including Gear box, wire, 1HP motor, chain polling, Nulbolt, 8mm SS wire etc & including of hydra crane as required.				
50.1	16mtr height Hight mast pole	10	Each		
51	Repair and service of High mast pole including Gear box, wire, 1HP motor, chain polling, Nulbolt, 10mm SS wire etc & including of hydra crane as required.				
51.1	20mtr height Hight mast pole	13	Each		
52	Supplying & laying of following size PVC insulated, PVC sheathed armoured Aluminium conductor cable of 1.1 KV grade, direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. (confirming to I.S. - 1554/1/88). (Make- Havells/ Gloster/ Polycab/ RR kabel/ KEI/ Universal).				
52.1	4X25 sq.mm	44	Metre		
52.2	3.5X35 sq.mm	276	Metre		
52.5	3.5X50 sq.mm	171	Metre		
53	Supplying & laying of following size PVC insulated, PVC sheathed armoured Aluminium conductor cable of 1.1 KV grade on wall surface as required. (confirming to I.S. - 1554/1/88). (Make- Havells/ Gloster/ Polycab/ RR kabel/ KEI/ Universal).				
53.1	4X25 sq.mm	73	Metre		
53.2	3.5X35 sq.mm	10	Metre		
54	Supplying & laying of following size PVC insulated, PVC sheathed armoured Aluminium conductor cable of 1.1 KV in the existing masonry open duct as required. (confirming to I.S. - 1554/1/88). (Make- Havells/ Gloster/ Polycab/ RR kabel/ KEI/ Universal).				
54.1	4X25 sq.mm	10	Metre		

55.2	3.5X35 sq.mm	20	Metre		
54.3	3.5X50 sq.mm	20	Metre		
55	Supplying & laying of following size PVC insulated, PVC sheathed armoured Aluminium conductor cable of 1.1 KV in the existing G.I pipe pole as required. (confirming to I.S. - 1554/1/88). (Make- Havells/ Gloster/ Polycab/ RR kabel/ KEI/ Universal).				
55.1	3.5X35 sq.mm	3	Metre		
55.2	3.5X50 sq.mm	3	Metre		
56	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	1174	Metre		
57	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed/ XLPE armoured aluminium conductor cable of 1.1 KV grade as required.				
57.1	4X25 sq.mm (28mm)	2	Each		
57.2	3.5X35 sq.mm (32mm)	4	Each		
57.3	3.5X50 sq.mm (35mm)	2	Each		
58	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.				
58.1	Above 6.5 metre and upto 8.0 metre	2.00	Each		
59	Supplying and drawing of following sizes of FRLS PVC insulated copper conductor armoured cable in the existing High Mast pole complete as required. (Make- Havells/ Gloster/ Polycab/ RR kabel/ KEI/ Universal).				
59.1	6core X 2.5 sq.mm	310	Metre		
59.2	6core X 4 sq.mm	800	Metre		
60	Supplying and installation of LED Flood light equipped with die-cast aluminium / CRCA housing, anti glare polycarbonate diffuser with energy efficient electronic driver with following features:-Suitable for operating voltage and frequency: 130-300 Va.c, 50 Hz.; wattage not more than 100 Watts;Output lumens not less than 10000 lm; CCT 6000K; Nominal surge protection 2.5 kV;Power factor not less than 0.9; Minimum IP protection 65; [Make:- Philips/ Panasonic/ Bajaj/ Osram/ Havells/ Halonix]	5.00	Each		

ADDITION: NIL CORRECTION : NIL EE[C] EE[E]
OVERWRITING: NIL DELETION: NIL

61	Supply & fixing of 80 mm dia.'B' class GI pole 6 mtr. Long for Flood light/ post top lantern etc. LED Fitting i/c bas eplate 300 x 300 x 3mm GI reducer & nipple for mounting the fitting with painting etc. grounting in cement concrete 1: 3: 6 (1 cement : 3 coarse sand : 6 grade stone aggregate 40mm omplete as reqd.	2.00	Each		
62	Supplying, Fixing, connecting and commissioning looping type cable end weather proof control box with of size 250 mm x 200 mm x 100 mm having 1 no. 6amp to 32 amp SPMCB 250 volt and 2 nos. brass neutral link 12.5 mm square rod 6 way approx. 60 mm long and fixed on 6 mm thick bakelite sheet. Box shall have almirah type hinge and panel key type lock front door duly painted with earthing strud etc. complete as required.	2.00	Each		
63	Dismantling and removing of all old luminaire and their accessories from high-mast pole including shifting them to any designated location as directed by the Engineer-in-charge. This is per Pole basis and one job shall be counted for each pole irrespective of number of fittings.	21.00	Job		
64	Dismantling, servicing & refixing of old luminaire and their accessories from high-mast pole including shifting them to any designated pole / location as directed by the Engineer-in-charge.	40.00	Each		
	Less Credit for Dismantled.				
65	[-] Less credit for dismantled luminaires and material as per following:				
65.1	400 W MH	10	Each		
65.2	1000 W MH	20	Each		
65.3	2000 W MH	40	Each		
65.4	M.S angle / G.I chainlink fencing	1500	Kg		
				Total	

Special Conditions:

1. No labour huts shall be allowed in IIT Campus and nothing shall be paid extra on this account.
2. The contractor must visit the site of work /buildings before quoting the rates.
3. No labour to stay in IIT Campus nothing shall be paid extra on this account.
4. Site shall be available as per directions of Engineer in Charge.
5. Quoted rates of participating agencies shall be inclusive of GST.