



TENDER DOCUMENT

(Through e-Tendering)

**Name of Work: “Construction of Rain Water Harvesting for Navodaya
Vidyalaya Samiti at Jawahar Navodaya Vidyalaya,
Mungeshpur, Delhi.”**

NIT NO: HPL/DGM(ENGG.)/TC/NVS/2019-20/43

Dated: 23.12.2019

ISSUED TO :- _____

HINDUSTAN PREFAB LIMITED

(A Govt. of India Enterprise)

Jangpura, New Delhi-110014

CIN: U74899DL1953GOI002220

Ph- (011) 43149800-899, Fax: (011) 26340365

www.hindprefab.in, Email: :- hindprefab@gmail.com

**HINDUSTAN PREFAB LIMITED
JANGPURA, NEW DELHI- 110014**

NOTICE INVITING e-TENDER

NIT NO: HPL/DGM(ENGG.)/TC/NVS/2019-20/43 Dated: 23.12.2019

1. HPL invites online percentage rate basis “E-tenders” in two bid system on behalf of “Navodaya Vidyalaya Samiti ” for the work of “**Construction of Rain Water Harvesting for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya, Mungeshpur, Delhi**”
2. From the reputed, experienced, technically and financially sound contractors / agencies as per the following details :-

Tendering Document No.	NIT NO: HPL/DGM(ENGG.)/TC/NVS/2019-20/43 Dated: 23.12.2019
Name of Work	Construction of Rain Water Harvesting for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya, Mungeshpur, Delhi
Estimated Cost	Rs 30,92,178.99
Period of Completion	60 Days to be reckoned from the 5 th day of issue of Award Letter.
Earnest Money Deposit	Rs. 61,844.00 in the shape of DD in favour of Hindustan Prefab Limited and, payable at New Delhi-110014.
Non-refundable cost of Tender document	Rs. 1824/- in the shape of DD in favour of Hindustan Prefab Limited and, payable at New Delhi-110014
Last date & time of submission of online tender	Up to 03.01.2020 by 3.00 PM .
Period during which hard copy in Original of EMD, Cost of Tender Document, e-tender processing fee, letter of Acceptance of tender conditions, enlistment order of the contractor and other documents as per NIT shall be submitted.	Before and up to 3.00 PM on 04.01.2020 in the office of “Hindustan Prefab Limited”, Jangpura, New Delhi-110014
Date & Time of Opening of technical bids	At 3.30 PM on 04.01.2020
Validity of offer	30 days from the date of opening of price tender
Opening of price bid	To be intimated later on

*Earnest Money of **Rs. 61,844.00** in the shape of Demand draft shall be accepted from any Nationalised Bank or ICICI, IDBI, HDFC & Axis Bank of India.

The tender document can be downloaded from website <https://etenders.gov.in/eprocure/app> and www.eprocure.gov.in. “**Corrigendum/addendum, if any, would appear only on the HPL’ website and <https://etenders.gov.in/eprocure/app> not to be published in any News paper**”.

3. The intending tenderer must read the terms and conditions of HPL carefully. He should only submit his tender if he considers himself eligible as per eligibility criteria and he is in possession of all the documents required.
4. **Those intending tenderers/contractors not registered on the website i.e. <https://etenders.gov.in/eprocure/app> mentioned above, to get registered beforehand. If needed they can be imparted training on online tendering process as per details available on the website i.e. <https://etenders.gov.in/eprocure/app>.**
5. The intending tenderer must have class-III digital signature to submit the tender.
6. The Tender Document as uploaded can be viewed and downloaded free of cost by anyone intending tenderer. But the tender can be submitted only after uploading the mandatory scanned documents such as (a) Demand Draft towards cost of tender document, (b) proof of deposit of e-Tender Processing Fee (c) Demand Draft of any Nationalized Bank or ICICI, IDBI, HDFC & Axis bank against EMD & all other documents as per Notice Inviting e-tender.

7. Set of Contract / Tender Documents:

The following documents will constitute set of tender documents: -

- a) Notice Inviting e-Tender
 - b) Special Conditions of contract
 - c) List of approved makes
 - d) General Condition of Contract-CPWD
 - e) Bill of Quantities
 - f) Acceptance of Tender Conditions
 - g) Bank Mandate Form
 - h) Corrigendum, if any
8. If any problem related to online filling, please contact help desk no. 0120-4200 462. If not satisfied with help desk response. Kindly contact 011-43149859
 9. HPL will not responsible for any type of failure of network at contractor's end. So you are advised to fill tender with sufficient time in hand to avoid last moment rush.
 10. Deleted.
 11. Joint ventures are not accepted.
 12. HPL reserves the right to accept any or reject all the tenders and split up the work among more than one parties without assigning any reasons thereof. HPL reserve the right to terminate the work in between by giving one month notice without any financial liability.
 13. The tenderers are required to quote strictly as per terms and conditions, specifications, standards given in the tender documents and not to stipulate any deviations.
 14. After submission of the tender, the tenderer can re-submit revised tender any number of times but before last time and date of submission of tender as notified
 15. When it is desired by HPL to submit revised financial tender then it shall be mandatory to submit revised financial tender. If not submitted, then the tender submitted earlier shall become invalid.
 16. On opening date, the tenderers can login and see the tender opening results.
 17. Contractor can upload documents in the form of PDF format.
 18. Contractor to upload scanned copies of all the documents including valid GST No/ EPF Registration/PAN No. as stipulated in the tender document.
 19. If the contractor is found ineligible after opening of tender, his tender shall become invalid and cost of bid document and processing fee shall not be refunded.
 20. If any discrepancy is noticed between the documents as uploaded at the time of submission of tender and hard copies as submitted physically by the tenderer, the tender shall become invalid and cost of tender document and processing fee shall not be refunded.
 21. Notwithstanding anything stated above, HPL reserves the right to assess the capabilities and capacity of the tenderers to perform the contract, in the overall interest of HPL. In case, tenderer's capabilities and capacities are not found satisfactory, HPL reserves the right to reject the tender.
 22. In case of Percentage Rate Tender, Contractor must ensure to quote single percentage rate. The column meant for quoting rate in figures appears in pink color and the moment rate is entered, it turns sky blue, The Rate shall be quoted upto 2 Decimals.

23. In case of Item Rate Tender, price shall be entered against each item in the Bill of Quantities / Schedule of Quantities. The cost of item against which the contractor has failed to enter a rate or price, shall be deemed to be covered by rates and prices of other items in Bill of Quantities / Schedule of Quantities and no payment shall be made for the quantities executed for items against which rate has not been quoted by the contractor. The column meant for quoting rate in figures appears in pink / yellow colour and the moment rate is entered, it turns sky blue. The Rate shall be quoted up to 2 Decimals.
24. In addition to this, 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 tenderers, rate of such item shall be treated as "0" (ZERO).
25. The tenderer if required may submit questions in writing by e-mail at tendercellhpl@gmail.com to seek clarifications latest by 02.01.2020 to the office of Dy. General Manager (Engg.) -TC at Hindustan Prefab Limited, Jangpura, New Delhi: 110 014. The tenderers are requested to submit their technical and commercial queries separately so that those could be replied suitably.

ELIGIBILITY CRITERIA

1. INITIAL CRITERIA FOR ELIGIBILITY FOR TECHNICAL BID :-

The applicant should have experience of having successfully completed works during the seven years ending previous day of last date of submission of tenders:

(i) Three similar completed works costing each not less than the amount equal to 40% of estimated cost put to tender,

OR

Two similar completed works, each of value not less than 60% of the estimated cost put to tender.

OR

One similar completed work of value not less than 80% of the estimated cost put to tender.

(ii) Similar works shall mean work of Civil and allied works etc. as mentioned in the NIT/Tender document.

(iii) 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 from the date of completion to last date of receipt of applications for tenders

2. The applicant should have had average annual financial turnover on construction works minimum of 50% of total estimated cost put to tender during the last three years ending 31 March 2018 or March 2019. This should be duly audited by a Chartered Accountant. Year in which no turnover is shown would also be considered for working out the average.
3. The applicant should not have incurred any loss in more than two years during the last five years ending 31 March 2017 or March 2018 which should be duly certified by the Chartered Accountant.
4. The applicant should have a solvency of 40% of estimated cost certified by his Bankers. The solvency certificate should not be more than 06 months old as on the last date of submission of tender.
5. The applicant should have sufficient number of Technical and Administrative employees for the proper execution of the contract. The applicant shall have to submit a list of these employees stating clearly how these would be involved in this work within 15 days of award of work.
6. The applicant's performance for each work completed in the last 07 years and in hand should be certified by an officer not below the rank of Executive Engineer or equivalent and should be obtained in sealed cover.

7.0 EVALUATION CRITERIA FOR PRE-QUALIFICATION

7.1 For the purpose of pre-qualification, applicants will be evaluated in the following manner:

7.2 The initial criteria prescribed in para 01 to 04 above in respect of experience of similar class of works completed and financial turnover etc. will first be scrutinized and the applicant's eligibility for pre-qualification for the work be determined.

7.3 The applicants qualifying the initial criteria as set out in para 01 to 04 above will be evaluated for following criteria by scoring method on the basis of details furnished by them:

- | | | |
|----|--|--------------|
| a) | Financial strength (Form 'A') – | Max 20 Marks |
| b) | Experience in similar nature of works during last Seven years (Form 'B') - | Max 20 Marks |
| c) | Performance on works (Form 'D') -Time over run | Max 20 Marks |
| d) | Performance on works (Form 'D') -Quality | Max 40 Marks |

Total 100 Marks

To qualify, the applicant must secure at least fifty percent marks in each above & sixty percent marks in aggregate.

The HPL, however, reserves the right to restrict the list of pre-qualified contractors to any number deemed suitable by it.

8.0 FINANCIAL INFORMATION

Applicant should furnish the following financial information: Annual financial statement for the last five year (in Form "A")

9.0 EXPERIENCE IN WORKS HIGHLIGHTING EXPERIENCE IN SIMILAR WORKS

9.1 Applicant should furnish the following:

- a) List of all works of similar class successfully completed during the last seven years (in form "B")

9.2 Structure & Organization (in Form "E")

10.0 ORGANISATION INFORMATION

Applicant is required to submit the following information in respect of his organization (in Form "D")

Number of Technical & Administrative Employees in parent company, subsidiary company and how these would be involved in this work (in Form "D").

11.0 The document uploaded by the contractor / construction agency in support of their work experience, financial credential, Income tax return, Turnover etc. should be self attested.

12. List of Mandatory Documents to be scanned and uploaded within the period of tender submission.

- a) Demand Draft and / or Bank Guarantee of any Nationalized Bank or approved scheduled Bank against EMD
 - b) Demand Draft of any Scheduled Bank towards cost of Bid Document.
 - c) Certificates of work experience and documents pertaining to Eligibility criteria/NIT.
 - d) Should have valid EPF Certificate
 - e) Letter of Acceptance of tender condition unconditional as per tender documents Annexure -I of this NIT.
 - f) Power of Attorney of the person having Digital Signature for signing/Submitting the bid.
 - g) GST registration/EPF registration, PAN No
 - h) From A to E
- 13.0 All the uploaded documents including other documents as per NIT should be submitted in hard Copy as per time and date mentioned in the NIT.
- 14.0 Price bid will be submitted online only, do not submit hard copy of price bid.
- 15.0 Bank Mandate Form.

MEMORANDUM TO FORM OF TENDER

S.N	Description	GCC Clause No./NIT	Values/ Description to be applicable for relevant clause(s)
i)	Name of work		Construction of Rain Water Harvesting for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya, Mungeshpur, Delhi.
	NIT No:		NIT NO: HPL/DGM(ENGG.)/TC/NVS/2019-20/43 Dated: 23.12.2019
ii)	Client/ Owner		Navodaya Vidyalaya Samiti
iii)	Type of Tender		Percentage Rate
iv)	Earnest Money	NIT	Rs. 61,844.00
v)	Estimated cost	NIT	Rs. 30,92,178.99
vi)	Time for completion of work	NIT	60 Days
vii)	Mobilization advance	10 B(ii)	NA
viii)	Interest rate of Mobilization advance	10 B(iv)	NA
ix)	Schedule of rates Applicable		Estimated cost is based on DSR 2016 rates for schedule items and market rates for some of the non schedule items including all taxes as applicable in state of work.
x)	Validity of tender		30 (Thirty) days
xi)	Performance Guarantee	1	5% (Five percent) of awarded contract amount at the time of signing of agreement in the shape of bank guarantee only from any Nationalized Bank or ICICI, IDBI, HDFC & Axis Bank of India.
xii)	Security Deposit/ Retention Money		5% (Five percent) of Gross value of work done.
xiii)	Time allowed for starting the work		The date of start of work shall be reckoned from 5 th day of issue of email/telegram/Letter/Telex/Fax of intent of Acceptance of tender or from the 1 st day of handing over of the site, whichever is later.
xiv)	Defect liability period		12 (Twelve) months from the date of handing over of the work to the client.
xv)	Escalation /Price variation	10 CC	Escalation /Price variation is not applicable/ payable in this contract. Rates are firm & fixed for the entire contract period including extended period, if any.
xvi)	Specifications to be followed for execution of work(all works)		The work shall be carried out as per latest CPWD specifications with upto date correction slips, which is being followed in state of work in general and as per direction of Engineer-in-charge in addition to the additional technical specifications given in the tender document.

Annexure-I

**ACCEPTANCE LETTER
TO BE ENCLOSED ALONGWITH EMD IN ENVELOPE – I**

Hindustan Prefab Limited
(Address of submission as mentioned in “Notice Inviting Tender”)

Name of work: **Construction of Rain Water Harvesting for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya, Mungeshpur, Delhi .**

NIT NO: HPL/DGM(ENGG.)/TC/NVS/2019-20/43 Dated: 23.12.2019

Sir,

ACCEPTANCE OF TENDER CONDITIONS

1. The tender documents for the work as mentioned in “Memorandum to Form of Tender” have been sold to me/us by Hindustan Prefab Limited and I / we hereby unconditionally accept the tender conditions and tender documents in its entirety for the above work.
2. The contents of the Tender documents (Instructions to the Tenderers) have been noted wherein it is clarified that after unconditionally accepting the tender condition in its entirety, it is not permissible to put any remark(s)/ conditions (s) (except unconditional rebate on price, if any) in the tender enclosed in “Envelope-1” and the same has been followed in present case.

In case this provision of the tender is found violated at any time after opening “Envelope-I” , I/ We agree that the tender shall be summarily rejected and HPL shall, without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money absolutely.

3. The required earnest money for this work is enclosed herewith.
4. I/We, have seen all the corrigendums/Addendums uploaded by HPL on HPL’s website upto the last date and time of submission of tenders for this work.

Yours faithfully,

(Signature of the tenderer)
With rubber stamp

Dated:

Instructions to Tenderer (ITT)

1. Online sealed Percentage Rate open tenders on behalf of Navodaya Vidyalaya Samiti are invited for the work of: **Construction of Rain Water Harvesting for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya, Mungeshpur, Delhi.** The Pre-qualification / 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 pre-qualification of contractor should be valid on the original date of submission of tenders.
2. The work is estimated to cost **Rs. 30,92,178.99**. This estimate, however, is given merely as a rough guide.
3. The tender document as uploaded can be seen on website <https://etenders.gov.in/eprocure/app> or www.eprocure.gov.in and can be downloaded free of cost.
4. **Mode of Submission.**

1. Earnest Money Deposit

Earnest Money Deposit of amount as mentioned in "NIT" required to be submitted along with the tender shall be in the form of Demand Draft and/ or Bank Guarantee. Demand drafts shall be payable at place as mentioned in NIT in favour of Hindustan Prefab Limited from any Nationalised /Scheduled Bank. The EMD (DD) and/ or Bank Guarantee shall be valid for minimum period of 90 days from last day of submission of Tender. The EMD shall be scanned and uploaded to the e-Tendering website within the period of tender submission and original should be deposited in office of HPL.

The EMD of all unsuccessful tenderers will be returned within thirty (30) days of the declaration of successful tenderer (L-1). The EMD of L-2 party shall be returned after award of work to L-1 agency. No interest will be payable by the HPL on the said amount covered under EMD/Any other Security Deposit.

Interested bidder who wish to participate in the tender has also to make following payments in the form of Demand Draft of any Scheduled Bank and to be scanned and uploaded to the e-Tendering website within the period of bid submission :

Cost of Bid Document- Rs. 1824/- in the shape of DD in favour of Hindustan Prefab Limited payable at New Delhi.

Demand Draft against EMD and Cost of tender Document shall be placed in single sealed envelope superscripted as "Earnest Money", Cost of Tender Document" with name of work and due date of opening of the tender also mentioned thereon.

Copy of certificate of work experience (if required) and other documents as specified in the tender/eligibility criteria shall be scanned and uploaded to the e-Tendering website within the period of tender submission and certified copy of each shall be deposited in a separate envelope marked as "Technical Bid"

All the documents of Technical bid should be enclosed in spiraled single file and properly serial numbered & file shall be named as Annexure 'Z'. Loose papers/ documents if submitted, are likely not to be considered. The technical bid documents should be properly spiral binding / book binding.

5. Both the envelopes shall be placed in another envelope with due mention of Name of work, date & time of opening of tenders and to be submitted in the office of HPL upto the last date & time of submission of tender upto **03.01.2020 at 03:00 PM**. The documents submitted shall be opened on the same day.

Online Technical tender documents submitted by intending tenderers shall be opened only of those tenderers, whose Earnest Money Deposit, Cost of tender Document and e-Tender processing fee and other documents placed in the envelope are found in order. The Price tenders of those tenderers who have qualified the technical bid shall be opened. The date of opening of price tender shall be informed to the tenderer subsequently.

6. The tender submitted shall become invalid if:-

- i) The tenderer is found ineligible.
- ii) The tenderers do not upload all the documents as stipulated in the tender document.
- iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of tender and hard copies as submitted physically in the office of tender opening authority.

7. VALIDITY OF TENDER

The Tender for the works shall remain open for acceptance for a period of thirty (30) days from the date of opening of financial tender. 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 HPL, then the HPL shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money as aforesaid. Further the tenderers shall not be allowed to participate in the retendering process of work.

8. ACCEPTANCE OF TENDER

HPL reserves the right to reject any or all the tenders in part or full without assigning any reason whatsoever. HPL does not bind itself to accept the lowest tender. The HPL reserves the right to award the work to a single party or split the work amongst two or more parties as deemed necessary without assigning any reason thereof. The Contractor is bound to accept the part work as offered by HPL after split up at the quoted/negotiated rates.

9. The tenders shall be strictly as per the conditions of contract. Tenders with any additional condition(s)/modifications shall be rejected.
10. The witnesses to the Tender/Contract Agreement shall be other than the tenderer(s) competing for this work and must indicate full name, address, and status/occupation with dated signatures.
11. The acceptance of tender will rest with the HPL who does not bind itself to accept the lowest tender and reserves to itself the right to reject any or all the tenders received without assigning any reason thereof. Tenders in which, any of the prescribed conditions are not fulfilled or found incomplete in any respect are liable to be rejected.
12. On acceptance of tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from Engineer-in-Charge or its authorized representative shall be intimated by the contractor within 07 days of issue date of letter of Awards by HPL.

13. The tenderer shall not be permitted to tender for works if his near relative is posted in the project office or concerned Zonal Office of the HPL. The contractor 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 of the officers in HPL. Any breach of this condition by the tenderer would render him liable to the withdrawal of the work awarded to him and forfeiture of Earnest Money and Security Deposit. This may also debar the contractor from tendering for future works under HPL.
14. The time of completion of the entire work, as contained in contract shall be as mentioned in “NIT”, which shall be reckoned from the 05th day after issue of the letter of Award by the HPL
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 for rejection.
16. The tender award, execution and completion of work shall be governed by tender documents consisting of (but not limited to) Letter of Award/Letter of work order, Bill of Quantities, Conditions of Contract.

17. ADDENDA/CORRIGENDA

Addenda/ Corrigenda to the tender documents may be issued prior to the date of submission of the Addenda/ Corrigenda to the tender documents may be issued up to the date of submission of the tender to clarify or effect modification in specification and/ or contract terms included in various tender documents. The tenderer shall suitably take into consideration such Addenda/ Corrigenda while submitting his tender. The tenderer shall return such Addenda/ Corrigenda duly signed and stamped as confirmation of its receipt & acceptance and submit along with the tender document. All Addenda/ Corrigenda shall be signed and stamped on each page by the tenderer and shall become part of the tender and contract documents. In case of non working of websites, addendum/corrigendum shall be uploaded immediately on its working

18. CLARIFICATION AFTER TENDER SUBMISSION

Tenderer's attention is drawn to the fact that during the period, the tenders are under consideration, the tenderers are advised to refrain from contacting by any means, the HPL and/or his employees/ representatives on matters related to the tender under consideration and that if necessary, HPL will obtain clarifications in writing or as may be necessary. The tender evaluation and process of award of works is done by duly authorized Tender Scrutiny Committee and this committee is authorized to discuss and get clarification from the tenderers.

19. The quantities for some items are not given in the BOQs, those quantities may be considered as NIL & bidders need not to quote the rates for such items.
20. The condition written elsewhere shall not be considered either for evaluation or as a part of eligibility criteria.
21. The bidder shall submit schedule of completion of BOQ items costing more than 2% of the contract value. The schedule should incorporate date of placement of order of material, receipt of material, start of installation at site and completion of work. The schedule of the bidder whose bid has been selected would be reviewed and jointly agreed before the start of work and the final schedule would form part of the agreement.

Instructions for Online Bid Submission

(Department User may attach this Document as an Annexure in their Tender Document which provides complete Instructions for on line Bid submission for Bidders)

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

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

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etenders.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal which 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 III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / 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 DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

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

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Note: *My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.*

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it

online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

7) 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. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

8) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

FORM 'A'**FINANCIAL INFORMATION**

Financial Analysis - Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached)

		YEARS				
		2013-14	2014-15	2015-16	2016-17	2017-18
I.	i) Gross Annual Turnover on construction works					
	ii) Profit/ Loss					
II.	Financial arrangement with the Financial Institution like over drafts/loan, Bank Guarantee Limit etc. for carrying out the proposed work					
III	The following certificates are enclosed:					
	a)	Solvency Certificate (not older than six month) from Bankers of Applicant.				
	b)	Current Income Tax Return filed with Income Tax Dept. duly acknowledged (with seal).				

Signature of Applicant(s)

Signature of Chartered Accountant with Seal

FORM –‘B’

DETAILS OF SIMILAR WORKS COMPLETED DURING THE LAST FIVE YEARS ENDING LAST DAY OF THE MONTH in which tender invited.

S. No	Name of work/ project and location	Owner or sponsoring organization	Cost of work in crores	Date of commencement as per contract	Stipulated date of completion	Actual Date of completion	Litigation /Arbitration pending/ in progress with details*	Name and address /telephone number of officer to whom reference may be made	Remarks
1	2	3	4	5	6	7	8	9	10

*Indicate gross amount claimed and amount awarded by the Arbitrator.

Signature of Applicant(s)

Signature of contractor with seal

HPL

FORM 'C'

PERFORMANCE REPORT OF WORKS REFERRED TO IN FORM "B" & "C"

1. Name of contractor-
2. Name of work/
Project & Location
3. Agreement No
4. Estimated Cost
5. Tendered Cost
6. Date of Start
7. Date of complete
8. Date of Completion
 - i) Stipulated date of completion
 - ii) Actual date of completion
9. Amount of compensation levied for
delayed completion, if any
10. Amount of reduced rate items, if any
11. Performance Report
 - (1) Quality of work Outstanding/Very Good/Good/Poor
 - (2) Financial Soundness Outstanding/Very Good/Good/Poor
 - (3) Technical Proficiency Outstanding/Very Good/Good/Poor
 - (4) Resourcefulness Outstanding/Very Good/Good/Poor
 - (5) General behavior Outstanding/Very Good/Good/Poor

Dated :

Executive Engineer or Equivalent

FORM 'D'

DETAILS OF TECHNICAL & ADMINISTRATIVE PERSONNEL TO BE EMPLOYED FOR THE WORK

S.NO.	Design ation	Total number	Number available for this work	Name	Qualifi cation	Professional experience and details of work carried out	How these would be involved in this work	Remarks
1	2	3	4	5	6	7	8	9

Signature of Applicant(s)

Signature of contractor with seal

HPL

FORM “E”

STRUCTURE & ORGANISATION

1. Name of Address of the applicant
2. Telephone No./Fax No.
3. Legal status of the applicant
(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.
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The applicant should have a solvency of 40% of estimated cost certified by his Bankers. The solvency certificate should not be more than 6 months old.

5. Name and Titles of Directors & Officers with designation to be concerned with this work.
6. Designation of individuals authorized to act for the organization.
7. Was the applicant ever required to suspend construction for a period of more than six months continuously after you commenced the construction? If so, give the name of the project and reasons of suspension of work.
8. Has the applicant 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.
9. Has the applicant or any constituent partner in case of partnership firm, ever been debarred/ black listed for tendering in any organization at any time? If so, give details.
10. Has the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of law? If so, give details.
11. In which field of Civil Engineering construction the applicant has specialization and interest?
12. Any other information considered necessary but not included above.

Signature of Applicant(s)

CORRIGNEDUM TO GENERAL CONDITIONS OF CONTRACT (CPWD FORM 7/8)

S. No.	For	Read As
1	Chief Engineer/ DG works/ Chief Engineer (Zone)	CMD, HPL
2	Superintending Engineer	General Manager,HPL
3	Engineer –in –charge	Project Incharge/ DGM (C)
4	Department	Hindustan Prefab Limited
5	Administrative Head	C.M.D., HPL
6.	Owner	Navodaya Vidyalaya Samiti
7.	C.P.W.D.	H.P.L.

SCHEDULE 'B' TO 'F'**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
NOT APPLICABLE				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.No.	Description	Hire charged per day	Place of Issue
1	2	3	4
NOT APPLICABLE			

SCHEDULE 'D'

Extra schedule for specific requirements/ document for the work, if any.

Not Applicable.

SCHEDULE 'E'

Reference to General Conditions of contract.

Name of Work: Construction of Rain Water Harvesting for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya, Mungeshpur, Delhi

NIT NO: HPL/DGM(Engg.)/TC/NVS/2019-20/ 43

Dated: 23.12.2019

i) Estimated cost of work :	Rs 30,92,178.99
ii) Earnest money :	Rs. 61,844.00
iii) Performance Guarantee :	5% of tendered value.
iv) Security deposit	5% of gross value of work done.

SCHEDULE 'F'

GENERAL RULES: Officer inviting tender : Deputy General Manager, (C), HPL
& DIRECTION

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 See below

Definitions:

2(v) Engineer-in-Charge	Project Incharge, HPL
2(viii) Accepting Authority	Chairman of Tender Approval Committee.
2(x) Percentage on cost of material and labour to cover all over needs and profits	15%
2(xi) Standard Schedule of Rates	DSR 2016 plus Cost Index @ 15.68%
2(xii) Department	Hindustan Prefab Limited
9(ii) Standard CPWD contract Form	CPWD form 7/8 edition 2014 with up to date corrections and amendments & CVC guidelines.

Clause 1	
(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days	At the time or before signing of contract agreement but max within 15 days of award of work
(ii) Maximum allowable extension beyond period provided in (I) above in days	: 07 days
Clause 2 Authority for fixing compensation Under clause 2.	: C.M.D, HPL
Clause 2A Whether Clause 2A shall be applicable	: Not applicable.
Clause 5 Number of days from the date of issue of letter of acceptance or from the first date of handing over of site (whichever is later) for reckoning date of start Clause 6,6A Clause applicable – (6 or 6A)	: 07 days 6 A

Time allowed for execution of work	90 days
Authority to give fair and reasonable Extension of time for completion of work	C.M.D., HPL
<p>Clause 10A</p> <p>List of testing equipment to be provided by the contractor At site lab but not limited to the followings.</p> <ol style="list-style-type: none"> 1. Theodolite, Dumpy level, Steel level. 2. Plumb bobs, Sprit level, Hammers. 3. Weighing machine (Electronic) 4. Thermometers, stoves. 5. Hydraulic test machine (compressive testing machine) 6. Smoke test machine. 7. Wire gauge, micro meter & tounge tester and others as required at site. 8. Sieves Set 9. All other lab equipments as required to conduct field lab tests 	
<p>Clause 10B</p> <p>Whether Clauses 10 B (ii) shall be applicable</p>	Yes
Modified Provision	
<p>Clause 10CA</p> <p>Materials covered under this clause</p> <ol style="list-style-type: none"> 1. Cement 2. Reinforcement Bars 3. Structural Steel. 	Not Applicable.
<p>Note: - All India Wholesale Price Index issued by Govt. of India and Base Price for the materials covered under Clause 10CA & their corresponding period as issued under the Authority of DG (works) CPWD as valid on last stipulated date of receipt of tender i/c extensions If any shall be applicable.</p> <p>Base Price of all the materials covered under Clause 10CA is to be mentioned at the time of approval of NIT</p>	

<p>Clause 10CC & 10C</p> <p>Clause 10CC to be applicable in contracts with Stipulated period of completion exceeding the Period shown in next column.</p>	Not Applicable
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Note : The awarded rates of the contractor shall be firm & fixed for the entire contract period including extended period if any.

<p>Clause 11</p> <p>Specifications to be followed for execution of work(all works)</p>	CPWD specifications with all latest amendments and corrections up to date
<p>Clause 12</p> <p>12.2 & 12.3 Deviation Limit beyond which Clauses 12.2 & 12.3. shall apply for building work :</p>	30 %
<p>12.5 Deviation Limit beyond which clauses 12.2 & 12.3. shall apply for foundation work</p>	100%
<p>Clause 16</p> <p>Competent Authority for Deciding reduced rates.</p>	C.M.D., HPL
<p>Clause 18</p> <p>List of mandatory machinery, tools & plant to be deployed by the contractor at site but not limited to the followings</p> <p>Excavators (various size)</p> <p>Concrete batching plant, concrete pump Concrete transit mixer</p> <p>Needle vibrator (Petrol) Table Vibrator elect./petrol)</p> <p>Bar bending machine Bar cutting machine.</p> <p>Drilling machine, Grinding/polishing Machines.</p> <p>Steel shuttering & Steel scaffolding, Stone cutting Machine.</p>	

Clause 36(i) Requirement of Technical Representative (s) and recovery rate.

Sl. No.	Minimum qualification of technical Representative	Discipline	Designation (principal Technical/technical Representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
1.	Graduate Engineer	Civil	Principal Technical Representative	05 year	01	25,000/- Per month	Twenty Five thousands Per month
2.	Graduate Engineer Or Diploma Engineer (Civil)	Civil	Technical Representative -Do-	NIL 05 year	02	15,000/- Per month For each -Do-	Fifteen thousands Per month For each -Do-
Assistant Engineer's retired from Government service that are holding Diploma will be treated at par with Graduate Engineers.							
Clause 42 i) (a) Schedule /statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates				DSR 2016 printed by CPWD			
ii) Variations permissible on theoretical quantities. (a) Cement				2% Plus/ Minus			
(b) Bitumen				2.5% Plus only and Nil on minus side			
(c) Steel reinforcement and structural steel section for each diameter, section and category				2% Plus			
(d) All other Materials				Nil			

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond permissible variation	Less use beyond the permissible variation
1.	Cement	Nil	Rs. 600 per bag of 50 kg

HINDUSTAN PREFAB LIMITED
JANGPURA, NEW DELHI - 110 014

SPECIAL CONDITIONS OF CONTRACT

These special conditions shall supersede/ supplement the relevant conditions given in CPWD Form 7/8 (Edition 2014 with up to date corrections and amendments) in the tender document.

- 1 EMD of tenderers, who do not qualify in technical bid after evaluation of technical bid, shall be returned within 07 days of receipt of request of refund from them. The tenderers can collect the un-opened financial bid, if they desire, from the office of the Tender Cell.

EMD of tenderers, who qualify in technical bid but unsuccessful in financial bid after opening of financial bid, shall be returned after award of work within 07 days of receipt of request of refund from them.

EMD of the successful tenderer shall be adjusted in security deposit.

2. Contractor shall submit the complete program of construction along with CPM/PERT Chart proposed to be followed for construction within 07 days of award of work and shall also submit mile stones chart, base line programme regarding fixing time line for completion of the project with mutual consent of HPL/NVS keeping in view the time allowed in days from the date of start of work and percentage of financial value of work to be done of the awarded contract amount for each mile stone as given in the schedule B to F of tender document.
3. RAW MATERIAL : All materials and labour required for the execution of work shall be arranged by the contractor including cement & reinforcement steel.
4. (i) The contractor shall procure 43 grade (conforming to IS:8112) Ordinary Portland Cement/PPC, as required in the work, of approved makes or as approved by Engineer-In charge. Supply of cement shall be taken in 50 kg. bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of relevant BIS codes. In case test results indicate that the cement arranged by contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so.

ii) The cement go-down of the capacity to store a minimum of 200 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provision shall be made to the door of the cement go-down. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the key of the other lock shall remain with the contractor. The Contractor shall be responsible for the watch and ward and safety of the cement go-down. The contractor shall facilitate the inspection of the cement go-down by the Engineer-in-charge at any time.

- iii) The cement shall be got tested by Engineer-in-charge and shall be used on work, only after test results have been received. The contractor shall supply free of charge the cement required for testing. The cost of tests shall be borne by the contractor.
 - iv) The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 and 10 A of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein.
 - v) Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.
 - vi) Damaged cement shall be removed from site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within three days of the receipt of such notice, the Engineer-in-charge shall get it removed at the risk & cost of the contractor.
5. i) The contractor shall procure TMT steel reinforcement bars of Fe 500 grade conforming to relevant BIS codes of the approved makes / as approved by Engineer In- charge. The contractor shall have to obtain, and furnish test certificates to the Engineer-in-charge in respect of all supplies of steel brought by him to the site of work. Samples shall also be taken and got tested by the Engineer-in-charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to BIS codes, the same shall stand rejected and shall be removed from the site of work by the contractor at his cost within a week time from written orders from the Engineer-in-charge to do so.
- ii) The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.
- iii) For checking nominal mass, tensile strength, bend test, re-bend test etc. specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than that specified below :-

Size of bar	For consignment below 100 tonnes	For consignment above 100 tonnes.
Under 10mm dia bars	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10mm to 16mm dia bars	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16mm dia bars	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

- iv) The contractor shall supply free of charge the steel required for testing. The cost of tests shall be borne by the contractor.
 - v) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 and 10 A of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein.
 - vi) Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.
6. (a) All material used in the work shall be confirming to IS Specification and as per approved make/brands list and shall be ISI marked unless otherwise specified. In the event for items for which either the brands not specified and ISI marked items not available, the sample of the item before use shall be got approved from Engineer –in-charge. However in either cases the samples of materials / fixtures shall be got approved from Engineer –in-charge before use in the work.
- (b) Contractor shall be required to produce samples of all materials and fittings sufficiently in advance for approval. The Contractor when called upon shall provide "make" of samples as per approved list for approval before execution free of cost and also will make arrangements for transportation of samples to the designated test house as per the direction of Engineer-in-charge of the work at his own cost. Cost of testing will also be borne by the contractor.
7. Any notice to be given under this contract shall be sent by registered post, Speed post at the last known registered or head office address of the contractor and shall be deemed to have been effected at the time at which the letter would be delivered in the ordinary course of post.
8. The contractor shall have to provide 5 (five) years guarantee bond in the form of Indemnity Bond for water proofing works from the date of completion of work.
9. The contractor shall be supplied drawings required for execution of work like architectural, structural, all service plans and other detailed drawings in a phased manner. If any particular drawing is required for execution of work, contractor shall inform the Engineer-in-Charge in writing at least 15 days in advance.
10. The contractor shall be responsible for obtaining necessary clearances for start of work and on completion of work executed by him from various local bodies, Chief Electrical inspector & Chief Fire Officer for occupation of the building. Necessary liasoning with other working agencies & local bodies shall be his responsibility. Any statutory fees to be paid on account of said clearances shall be reimbursed to contractor by HPL/ Client.
11. The payment to the contractor shall be made from the registered office of HPL at Jangpura, New Delhi through RTGS. If the contractor desires the payment through Banker Cheque/ Demand Draft, charges on account of this shall be debited to the contractor. The contractor shall not claim anything extra on this account.

12. The quoted rates by the bidders shall be inclusive of all the taxes as applicable in the state at the time of submission of tender like GST (Goods & Service Tax), excise duty, custom duty, sales tax, value added tax (VAT), purchase tax, consignment tax, works contract tax, entry tax, turnover tax, toll tax, octroi charges, royalty, labour cess, levy and other tax(es) or duty (ies) of similar nature in the state levied by State Govt./Central Govt./ or any other statutory body. The rates quoted by him in the tender in bill of quantities shall be inclusive of all such taxes, duties, levies, cess etc. with respect to such goods/materials/articles to be used for the works & as applicable to the contract.
13. Tax invoice & bills as required and applicable under GST shall be submitted by the contractor and shall be uploaded on the relevant portal by the contractor.
14. GST as applicable shall be deposited by the contractor to the concerned authorities and deposit challan shall be submitted to HPL along with bills.
15. Taking credit of the excess amount billed/tax paid shall be the responsibility of the contractor.
16. The bidders should have valid GST Registration and copy of the same shall have to be submitted along with the tenders.
17. The contractor should have valid PF Code, PAN, and ESI No. and should provide a copy of PF & ESI Registration. The contractor shall provide the copies of challans as a proof of remittance of PF & ESI amount. The contractor should also maintain the PF records, labour records i.e copies of wage sheets, attendance sheets, monthly returns, annual returns and any other record in this regard for inspection and should provide as and when required by the Engineer-in-charge.
18. **Defect Liability & Maintenance Period:** The contractor shall be fully responsible for the quality, workmanship and structural safety of the construction. The contractor shall be fully responsible for liability of defects in the work executed by him for a period of one year. All defects observed during the defect liability period shall be rectified by the contractor at his own cost and expenses. Any major and minor repair will be done by the contractor free of cost for one year after handing over the building. In the event of failure on the part of the contractor to rectify the defects, the same may, without prejudice to any other right available to it in law, be rectified by HPL for and on behalf of contractor. HPL shall have the right to deduct or set off the expenses incurred by it in rectifying the defects as aforesaid from/against any amount due and payable or becoming due and payable by HPL to the contractor under this agreement or any other contract whatsoever. During the Defect- liability period contractor has to depute an engineer (if required) to look after the defects for which nothing extra would be payable to the contractor.
19. The contractor will be responsible for obtaining “Contractor All Risk Policy” towards entire cost of the work and will obtain “Workmen compensation policy” at his own cost. The policy should cover entire tenure of contract inclusive of extended period, if any.
20. The decision of the Chairman & Managing Director, HPL, regarding the quantum of reduction as well as justification thereof in respect of rates for substandard work will be final and would not be open to arbitration and adjudication.

21. The contractor has to control noise and air pollution at site as per norms of Pollution Control Board/Local Authorities.
22. The contractor will be responsible to get register himself under labour cess in “Building and other construction workers” welfare board.
23. No advance shall be paid to the contractor against any Tools & Plants, equipment & machinery etc. brought at site by the contractor.
24. The work may be inspected by Central Vigilance Commission and any deductions/ compensation proposed by CVC or HPL or NVS in regard to defective work or work not confirming to specification, loss of time, amount shall be deducted from his dues.
25. The contractor shall make all arrangements for ground breaking Ceremony / inaugural function etc. for the projects as required and the cost towards it is deemed to be included in his rates/offer. Any expenditure already incurred /to be incurred by HPL shall be recovered from the Contractor.
26. HPL shall not supply or procure any material for use on works and the contractor has to make his own arrangements for supplying, procuring transportation and storage of all such materials required for the work, at his own cost.
27. **Settlement of Disputes and Arbitration:**
Any or all Disputes, differences, or questions which may at any time arise between the parties hereto or any person claiming under them, touching or arising out of or in respect of this agreement or subject matter thereof shall first be endeavored to be amicably resolved at the top management level of the parties. However, in event of such dispute, difference or question etc. remaining unsolved, the same shall be referred to the arbitration by Sole Arbitrator to be nominated by The Chairman And Managing Director of Hindustan Prefab Limited, and provisions of the Arbitration and conciliation Act, 1996 shall be applicable. The place of such arbitration shall be at New Delhi.
28. It is clearly agreed and understood by the tenderers/ contractors that notwithstanding anything to the contrary that may be stated in the agreement between HPL & the contractor, the contractor shall become entitled to payment only after H.P.L. receives the corresponding payment(s) from the client / owner. Any delay in the release of payment by the client / owner to HPL leading to a delay in the release of the corresponding payment by HPL to the contractor, shall not entitle the contractor any compensation / interest from HPL.
29. The contractor will have to submit a no claim / final claim certificate, duly notarized on a stamp paper of appropriate value, as per the prescribed format of HPL, while release of security deposit.
30. Secured advance payment shall be released to the contractor as per relevant clause 10 B (i) of CPWD G.C.C. against submission of bank guarantee of equivalent amount by the contractor for the period till such advance remains outstanding. However, if such material is not incorporated in the work within 03 months, outstanding secured advance shall be recovered at the end of such specified period. At a time, the total secured advance to be given to the contractor including any earlier outstanding secured advance shall be limited up to 10% of the awarded contract amount.

31. The accepted rates of the contractor shall be firm / fixed for the entire contract period including extended period, if any. No escalation in rates shall be payable at all.
32. The contractor shall be responsible for obtaining Completion Certificate and Occupancy Certificate from the local body / bodies. The project shall be deemed to have been completed in relation to contractor only when these certificates are obtained from the local body/ bodies and handed over to the Owner. The contractor shall send completion report along with above certificates as well as “As Built” drawings and maintenance schedules to the office of the HPL / Owner within 15 days from completion of work.
33. The contractor shall not stake any claim in case the HPL / Owner decides for foreclosure of the work at any of the stages subsequent to start of work in respect of the services based on the agreement.
34. The contractor shall obtain the labour license, within one month of award of work.
35. The specialized items of work are to be got executed by the contractor engaging the agencies who are experienced in carrying out those specialized items of work duly approved by Engineer-In-charge.

36. Performance Guarantee:

Performance Guarantee @ 5% (five percent) of awarded contract value shall be submitted by the contractor within the time schedule as specified in the tender document in the shape of Performance Bank Guarantee issued by any Nationalised Bank or ICICI, IDBI, HDFC & Axis Bank of India. Performance Guarantee in any other shape shall not be accepted.

The Performance Guarantee shall be valid upto 60 (sixty) days after successfully handing over of the project. On expiry of 60 days after successfully handing over of the project as certified by the Engineer in charge, the Bank Guarantee will be returned to the contractor without any interest.

37. The estimate is based on DSR-2016 rates and market rates for the Non-schedule items.
38. For schedule items, items no's, description or nomenclature of the items or unit of the items given in financial bids are based on DSR'2016. If there is any error or discrepancy in the above w.r.t as given in DSR'2016, the same shall be regulated as given in DSR'2016.
39. During the various stages of execution, the Contractor shall submit monthly progress report along with six or more different photographs of the project/work. The photographs must be of good quality and its size should not be less than 4" X 6".
40. The contractor shall be solely responsible for execution of work with proper workmanship and as per the specifications.
41. The work is to be completed within specified completion period. If it is found that more time has been taken by the contractor to complete the work/project, liquidated damages @ 1.5% per month of delay (to be computed on per day basis) subject to 10% of the project cost would be imposed on the contractor.

42. On completion of the work, the work shall be handed over to the client including all services and facilities constructed in accordance with the approved plans, specification fulfilling all techno functional requirement along with inventory, “As Built drawings”, maintenance manual/standard operating procedure (SOP) for equipments and plants and all clearance/certificates from statutory authorities, local bodies complete in all respects.

43.0 Security Deposit/Retention Money:

The security deposit or the retention money shall be deducted from each running account bill of the contractor @ 5% (Five percent only) of the gross value of each Running Account Bill. The earnest money deposited by the tenderer in the form of DD only will be treated as part of the Security Deposit.

If the amount of Security Deposit deduction in cash is more than Rs. 10.00 Lakh (Rupees ten lakh only), the excess amount can be refunded to contractor against submission of Bank Guarantee of equivalent amount of scheduled bank in the prescribed proforma of HPL.

44.0 Release of Security Deposit:

Security deposit will be released after one year of successful handing over of project.

While claiming the refund of security deposit, the contractor, shall submit the followings:

1. Certificate from the client to the effect that all the defects have been rectified to their (client) satisfaction and nothing is pending as such.
2. An Indemnity Bond on Judicial Stamp paper of appropriate value indemnifying HPL against any possible demand raised against the company on account of taxes, duties, cess, royalty, trade mark, fees, fines, penalties, demand raised by statutory bodies including court cases and arbitration etc.
3. Certificate of No claim/ Final Claim, duly notarized on a non judicial Stamp paper of Rs. 200/-, as per prescribed format of HPL.

45.0 Facilities to be provided by the contractor to HPL:-

On acceptance of tender, the contractor at his own cost will provide furnished office accommodation appx. 450 Sqft area at site of work with functional toilet facility, drinking water supply, electricity, office chairs, tables, record keeping almirahs, internet, one computer, one printer & scanner and one staff carrying Vehicle like indigo Car with driver including fuel charges, toll tax & parking charges etc complete. Charges of these facilities are considered included in the rates quoted by the contractor and nothing extra shall be payable on this account. The maintenance charges are to be borne by the contractor.

- 46.0 In case of inauguration of the project all the expenses will be borne by the contractor.

- 47.0 The agency will submit the running account bills with proper tax invoice for intermediate payments during the execution. The amount of RA bill should not be less than 4.0 Lacs.

- 48.0 Payment shall be made to the contractor only after receipt of the payment from the client.

- 49.0 Payments due to the contractor will be made only after verifying that the statutory P.F. payment have been made to EPFO related to the employees deployed by the contractor on the awarded project.

Employees' wise details of deposit of P.F. will be submitted by the contractor along with the bill/ invoice to HPL.

Annexure - X

Notice for appointment of Arbitrator

To

CMD

Dear Sir,

In terms of clause --- of Special Condition of Contract (SCC), I/we hereby give notice to you to appoint an arbitrator for settlement of disputes mentioned below:

1. Name of applicant
2. Whether applicant is Individual/Prop. Firm/Partnership Firm/Ltd. Co.
3. Full address of the applicant
4. Name of the work and contract number in which arbitration sought
5. Contract amount in the work
6. Date of contract
7. Stipulated date of initiation of work
8. Stipulated date of completion of work
9. Actual date of completion of work (if completed)
10. Total number of claims made
11. Total amount claimed
12. Date of submission of final bill (if work is completed)
13. Date of payment of final bill (if work is completed)
14. Amount of final bill (if work is completed)
15. Date of request made to DGM for decision
16. Date of receipt of DGM decision
17. Date of appeal to you
18. Date of receipt of your decision.

Specimen signatures of the applicant
(only the person/authority who signed the contract should sign)

I/We certify that the information given above is true to the best of my/our knowledge. I/We enclose following documents.

1. Statement of claims with amount of claims.

.

Yours faithfully,

(Signatures)

Copy in duplicate to:

1. The Engineer-in-charges

Signature of tenderer

HPL

PROFORMA FOR BANK GUARANTEE IN LIEU OF EARNEST MONEY

(On Non-Judicial Stamp Paper to be stamped in accordance with stamp act, the stamp paper to be in the name of Executing Bank)

Ref. :

Date :

Bank Guarantee No.

To,

Hindustan Prefab Limited,
Jangpura,
New Delhi:110 014.

Dear Sirs,

In consideration of Hindustan Prefab Limited having its Head Office at Jangpura, New Delhi : 110 014 (hereinafter called the "Employer" which expression shall unless repugnant to the subject or context include its successors and assigns) having issued Notice Inviting Tender No.....

M/s
having its Registered /Head Office at
(hereinafter called the "Tenderer" who wishes to participate in the said tender for and you, have agreed to accept an irrevocable and unconditional Bank Bid Guarantee for and amount of Rs..... valid up to on behalf of the tenderer in lieu of cash Deposit required to be made by the tenderer, as a condition precedent for participation in said tender.

We, the Bank incorporated under law and having one of our branches at and having our Registered office/ Head office at do hereby unconditionally and irrevocable guarantee and undertake to pay to the "Employer" immediately on demand without any demur reservation, protest, contest, and recourse to be extent of the said sum of Rs..... (Rs.....only).

Any such claim/ demand made by the said “Employer” on us shall be conclusive and binding on us irrespective of any dispute or difference raised by the tenderer. This guarantee shall be irrevocable and shall remain valid up to If any further extension of this guarantee is required, the same shall be granted to such required period on receiving instructions from M/s on whose behalf this guarantee is issued.

We the said Bank undertake not to revoke this guarantee during its currency except with the previous consent of the employer in writing and agree that any change in the constitution of the said tenderer or the said Bank shall not discharge our liability hereunder. In witness whereof the Bank, through its authorized officer, has set its hand and stamp on this day of 2006 at.....

WITNESS :

1. (SIGNATURE)

(SIGNATURE)

(NAME).....

(NAME).....

(Designation with Bank Stamp).....

(OFFICIAL ADDRESS)

ATTORNEY AS PER
POWER OF ATTORNEY NO.....

.....

DATE

2. (SIGNATURE)

(NAME)

(OFFICIAL ADDRESS)

.....

.....

NOTE :

1. The stamp papers of appropriate value shall be purchased in the name of “Issuing Bank”. The Guarantee shall be valid up to 90 days from the date of opening of Financial Bid.

G.C.C. 2014 (CPWD)

Form 7/8 (Edition 2014 with up to date corrections and amendments)

INTEGRITY PACT

BETWEEN

Shri Nand Lal Singh, Spl. (DG) CPWD (Retd.), (Mobile No. 09830121650 and Email- nl Singh@gmail.com) on behalf of HINDUSTAN PREFAB LIMITED(HPL) hereinafter referred to as **“The Principal”** (which expression, unless repugnant to the context thereof, shall mean and include its legal representatives, heirs and assigns)

AND

.....hereinafter referred to as **“The Bidder/Contractor”** (which expression, unless repugnant to the context thereof, shall mean and include its legal representatives, heirs and assigns)

Preamble

The Principal intends to award, under laid down organizational procedures, contract(s) for **“Construction of Rain Water Harvesting for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya, Mungeshpur, Delhi”** (hereinafter referred to as the ‘Project’). The Principal necessarily requires full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the Integrity Pact by all parties concerned, for all works covered in the Project.

To meet the purpose aforesaid both the parties have agreed to comply 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:

Section 1 – Commitments of the Principal

Obligations on Principal

The Employer is committed to follow the principle of Transparency, Equity and Competitiveness in Public Procurement.

- (1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - a. No employee of the Principal, personally or through family members or through any other channel, will in connection with the tender for or the execution of a 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 will, during the tender process treat all Contractor(s)/Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Contractor(s)/Bidder(s) the same information and will not provide to any Contractor(s)/Bidder(s), confidential/additional information through which the Contractor(s)/Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

- c. The Principal will exclude from the process all known prejudiced persons. **The Principal shall** obtain bids from **only** those parties who have been short-listed or pre-qualified or through a process of open advertisement/ web publishing or any combination thereof.
- (2) If the Principal obtains information on the conduct of any of its employees, Contractor(s) and/or Bidder(s), which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer or the principal will take remedial actions as per department/conduct rules and **subject to its discretion**, can **additionally** initiate disciplinary actions.
- (3) The Principal will enter into agreements with identical conditions with all Contractor(s)/Bidder(s) **for the aforesaid Project**.
- (4) The Principal will disqualify from the tender process all Contractor(s)/Bidder(s) with estimated cost of work put to tender of Rs 1.0 crore and above, who do not sign this Pact or violate its provisions.

Section 2 – Commitments of the Bidder(s) /Contractor(s)

Obligations on Bidder/Contractor

To accept and comply 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 Employer. Duration of the Integrity Agreement shall be in the line with section 8 of the Integrity Agreement.

Bidder/Contractor acknowledge that in the event of breach of the Integrity Agreement Employer shall have unqualified, absolute and unfettered right to take action under section 3.

- (1) It is required that each Bidder/Contractor (including their respective officers, employees and sub-contractors) 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) commit(s) itself/themselves 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's employees involved in the tender process or the execution of the contract 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 Bidders 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 introduce cartelization 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)/Contractor(s) will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or document provided by the Principal as part 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 name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s) / Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, 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. It shall be incumbent on the Indian agent and the foreign principal to Adhere to the relevant guidelines of Government of India, issued from Time to time regarding availing services of Indian Agents for foreign Suppliers.
- Further details as mentioned in the “Guidelines on Indian Agents of Foreign Suppliers” shall be disclosed by the Bidder(s) / Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only.
- (e) The Bidder(s) / Contractor(s) will, when submitting 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.
 - (f) The Bidder(s) / Contractor(s) to disclose any transgression with any other company that may impinge on the anti corruption principle.
- (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).
 - (6) The Bidder(s)/Contractor(s) signing IP shall not approach the Courts while representing the matters to IEM and he/she will await their decision in the matter.
 - (7) The Bidder(s)/Contractor(s), in case of sub-contracting, the Principal contractor shall take the responsibility of the adoption of IP by the sub-contractor.

Section 3: Disqualification from tender process and/or exclusion from future contracts.

Without prejudice to any rights that may be available to the Employer under law or the Contract or its established policies and laid down procedures, the Employer 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 Employer's absolute right:

- (1) If the Bidder(s) / Contractor(s), before awarding the Project or during execution has committed a transgression by violating Section 2 above or in any other form so as to put his reliability or credibility in question, the Principal, at its sole discretion, after giving proper opportunity to the bidders entitled to disqualify the Bidder(s) / Contractor(s) from the tender process or terminate the contract, if already awarded or exclude the Bidder/Contractor from future contract award processes, for that reason, without prejudice to any other legal rights or remedies available to the Principal under the relevant clauses of GCC/SCC of the tender/contract. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal. **Such exclusion may be forever or for a limited period as decided by the Principal.**
- (2) If the Contractor(s)/Bidder(s) has committed a transgression through a violation of any of the terms under Section 2 above or in any other form such as to put his reliability or credibility into question, the Principal will also be entitled to exclude such Contractor(s)/Bidder(s) from future tenders/contract award processes. The imposition and duration of the exclusion will be determined by the Principal, keeping in view the severity of the transgression. The severity will be determined by the circumstances of the case, in particular, the number of transgressions and/or the amount of the damage.
- (3) If it is observed after payment of final bill but before the expiry of validity of Integrity Pact that the contractor has committed a transgression, through a violation of any of the terms under Section 2 above or any other term(s) of this Pact, during the execution of contract, the Principal will be entitled to exclude the contractor from further tender/contract award processes.
- (4) The exclusion will be imposed for a minimum period of six (6) months and a maximum period of three (3) years.
- (5) If the Contractor(s)/Bidder(s) can prove that he has restored/recouped the damage to the Principal caused by him and has installed a suitable corruption prevention system, the Principal may, at its sole discretion, revoke or reduce the exclusion period before the expiry of the period of such exclusion.

Section 4: Compensation for Damages

- (1) If the Principal has disqualified the Bidder(s)/Contractor(s) from the tender process prior to the awarding of the Project according to Section 3, the Earnest Money Deposit (EMD)/ Bid Security furnished, if any, along with the offer, as per terms of the Invitation of Tender, shall also be forfeited. The Bidder(s)/Contractor(s) understands and agrees that this will be in addition to the disqualification and exclusion of the Contractor(s)/Bidder(s) as may be imposed by the Principal, in terms of Section 3 above.
- (2) If, at any time after the awarding of the Project, the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Security Deposit/Performance Bank Guarantee furnished by the contractor, if any, as per the terms of the NIT/Contract shall be forfeited without prejudice to any other legal rights and remedies available to the Principal under the relevant clauses of General/ Special Conditions of Contract.

The Contractor(s)/Bidder(s) understands and agrees that this will be in addition to the disqualification and exclusion of the Bidder(s)/Contractor(s), as may be imposed by the Principal in terms of Section 3 above.

Section 5: Previous transgression

- (1) The Bidder(s)/Contractor(s) herein declares that it has committed no transgressions in the last 5 years with any other Company in any country conforming to the anti- corruption approach as detailed herein or with government/ Central Government or State Government or any other Public Sector Enterprise in India that could justify its exclusion from the tender process.
- (2) If at any point of time during the tender process or after the awarding of the Contract, it is found that the Bidder(s)/Contractor(s) has made an incorrect statement on this subject, he can be disqualified from the tender process or if, as the case may be, that the Contract, is already awarded, it will be terminated for such reason and the Bidder(s)/Contractor(s) can be black listed in terms of Section 3 above.
- (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 Employer may, at its own discretion, revoke the exclusion prematurely.

Section 6: Independent External Monitor / Monitors

- (1) The Principal shall, in case where the Project Value is in excess of Rs 1.0 crore and above, appoint competent and credible Independent External Monitor(s) with clearance from Central Vigilance Commission. The Monitor shall review independently, the cases referred to it to assess whether and to what extent the parties concerned comply with the obligations under this Integrity Pact.
- (2) In case of non-compliance of the provisions of the Integrity Pact, the complaint/ non-compliance is to be lodged by the aggrieved party with the Nodal Officer only, as shall be appointed by the CMD, HPL. The Nodal Officer shall refer the complaint/ non-compliance so received by him to the aforesaid Monitor.
- (3) The Monitor will not be subject to any instructions by the representatives of the parties and will perform its functions neutrally and independently. The Monitor shall report to the Chairman-cum-Managing Director, HPL.
- (4) The Bidder(s) / Contractor(s) accepts that the Monitor shall have the right to access, without restriction, all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to its project documentation. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Contractor(s) with confidentiality.
- (5) The Principal will provide to the Monitor, sufficient information about all meetings among the parties related to the Project, provided such meetings could have an impact on the contractual relations between the Principal and the Contractor.
- (6) As soon as the Monitor notes, or believes to note, a violation of this Pact, he will so inform the Principal and request the Principal to discontinue and/or take corrective action, or to take other relevant action(s). The Monitor can in this regard submit non- binding recommendations. However, beyond this, the Monitor has no right to demand from the parties that they act in a specific manner and/or refrain from action and/or tolerate action.

- (7) The Monitor will submit a written report to the CMD, HPL within 4 to 6 weeks from the date of reference or intimation to it and, should the occasion arise, submit proposals for corrective actions for the violation or the breaches of the provisions of the agreement noticed by the Monitor.
- (8) If the Monitor has reported to the CMD, HPL, of a substantiated suspicion of an offence under relevant IPC/PC Act, and the CMD, HPL, has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Chief Vigilance Officer, HPL.
- (9) The word 'Monitor' means Independent External Monitor and includes both singular and plural forms.
- (10) For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.
- (11) IEM should examine the process integrity; they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging malafide on the part of any officer of the organization should be looked into by the CVO of the concerned organization.
- (12) The role of IEM is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organizations.
- (13) Issues like warranty / guarantee etc. should be outside the purview of IEMs.
- (14) The role of the CVO of the organization shall remain unaffected by the presence of IEMs. A matter being examined by the IEMs can be separately investigated by the CVO in terms of the provisions of the CVC Act or Vigilance Manual, If a complaint is received by him/her or directed to him/her by the commission

Section 7 – Criminal charges against violating Bidder(s)/Contractor(s)/ Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder/Contractor or any employee or a representative or an associate of a Bidder/Contractor, which constitutes a criminal offence under the IPC/PC Act, or if the Principal has substantive suspicion in this regard, the Principal will forthwith inform the same to the Chief Vigilance Officer, HPL.

Section 8 – Duration of the Integrity Pact

This Pact shall come into force when both parties have legally signed it. The Pact shall expire, in case of the Contractor(s), 2 (two) months after the completion of defect liability period and in case of the unsuccessful Bidder(s), 2 (two) months after the contract for the project has been awarded.

If any claims is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by CMD of HPL.

The Bidder(s)/Contractor(s), however, understands and agrees that even upon the completion of the Project and/or the last payment under the Contract having been made, if any transgression/violation of the terms of this Pact comes/is brought to the notice of the Principal, it may, subject to its discretion, blacklist and/or exclude such Bidder(s)/Contractor(s) as provided for in Section 3, without prejudice to any other legal right or remedy so available to the Principal.

Section 9 – Other provisions

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.
- (2) Changes and supplements as well as termination notices need to be made in writing.
- (3) If the Bidder/Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement shall remain valid and binding. In such a case, the parties will strive to come to an agreement in accordance with their original intentions.
- (5) Wherever he or his as indicated in the above sections, the same may be read as he/she or his/her, as the case may be.
- (6) 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 Principal in accordance with this Integrity Agreement! Pact or interpretation thereof shall not be subject to arbitration

(For & On behalf of the Principal)
(Office Seal)

(For & On behalf of Bidder/ Contractor)
(Office Seal)

Place-

Date-

Witness 1:
(Name & Address)

Witness 2:
(Name & Address)

GRAND SUMMARY							
PROPOSED JNV AT MUNGESHPUR, DELHI							
S No	DESCRIPTION	Unit	Quantity	DSR 2016 Rate (IN Rs)	Add Cost Index @15.68%	Market Rate	Total Amount (IN Rs)
1.00	RAIN WATER HARVESTING-TYPE A	Nos	4.00	196073.92	226818.31	2169.00	915949.24
2.00	RAIN WATER HARVESTING-TYPE B	Nos	1.00	247511.98	286321.86	4881.00	291202.86
3.00	EXTERNAL DRAINAGE			1372531.00	1587743.86	0.00	1587743.86
4.00	Rain water pipe			256987.40	297283.02	0.00	297283.02
	GRAND TOTAL						3092178.99

<u>ABSTRACT OF COST</u>				
Name of work : Proposed External Drainage for Navodaya Vidyalaya Samiti at JNV Mungeshpur, Delhi				
<u>S. No.</u>	<u>ITEM OF CIVIL WORK</u>	<u>AMOUNT</u>		
1.00	External Drainage System	Rs.	1372531	/-
2.00	Rain water pipe	Rs.	256987	/-
Total		Rs.	1629518	/-

SCHEDULE OF QUANTITIES

Name of work : Proposed External Drainage for Navodaya Vidyalaya Samiti at JNV Mungeshpur, Delhi							
Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
1.00		<u>External Drainage system</u>					
1.01	2.8	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.					
	2.8.1	All kinds of soil.	420.00	Cum	166.40	69888	/-
1.02	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	10.00	Cum	4478.15	44782	/-
1.03	19.6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :					
	19.6.3	250 mm dia. R.C.C. pipe	2000.00	metre	482.05	964100	/-
1.04	19.28	Constructing brick masonry road gully chamber 45x45x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with precast R.C.C. vertical grating complete as per standard design :					
	19.28.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	67.00	each	4384.50	293762	/-
		Total External Drainage Work :				1372531	
2.00		<u>Rain Water pipe</u>					
2.01	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A,					
	12.41.2	110 mm diameter	500.00	Metre	236.35	118175	/-
2.02	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid					
	12.42.1	Coupler					
	12.42.1.2	110mm	167.00	Each	102.65	17143	/-
	12.42.3	Single tee with door					
	12.42.3.2	110x110x110 mm	25.00	Each	181.55	4539	/-
	12.42.5	Bend 87.5°					
	12.42.5.2	110 mm bend	50.00	Each	113.10	5655	/-
2.03	12.43	Providing and Fixing on wall face unplasticised - PVC pipe clips of approved design to unplasticised -					
	12.43.2	110 mm dia	334.00	Each	181.40	60588	/-

Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
2.04	12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2	25.00	Each	187.60	4690	/-
2.05	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less	25.00	Each	40.90	1023	/-
2.06	12.7	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets					
	12.7.1	0.80 mm thick with zinc coating not less than 275 gm/m ²	80.00	metre	564.70	45176	/-
		Total Rain Water pipe Work :				256987	

<u>ABSTRACT OF COST</u>				
Name of work: Construction of Rain Water Harvesting-Type A for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya Mungeshpur, Delhi				
<u>S. No.</u>	<u>ITEM OF CIVIL WORK</u>	<u>AMOUNT</u>		
1.00	Earth Work	Rs.	24956	/-
2.00	Concrete Work	Rs.	8956	/-
3.00	R.C.C. Work	Rs.	39154	/-
4.00	Brick Work	Rs.	68692	/-
5.00	Rain water harvesting	Rs.	56473	/-
Total		Rs.	198232	/-

SCHEDULE OF QUANTITIES

Name of work: Construction of Rain Water Harvesting-Type A for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya Mungeshpur, Delhi

Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
1.00	2.0	<u>EARTH WORK</u>					
1.01	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed.					
	2.6.1	All kinds of soil	77.00	Cum	125.95	9698	/-
1.02	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	13.00	Cum	125.75	1635	/-
1.03	1.1	Carriage of lime, moorum, building rubbish and debris including refractory/ insulation debris etc. by mechanical transport for following leads or part thereof including loading, unloading and stacking all complete as per the direction of the Engineer-in-Charge. (The rates will be applicable to net quantities after deduction for voids of 20%).					
	1.1.1	Upto a lead of 5 Km. &	64.00	Cum	119.33	7637	/-
		Extra for lead beyond 5 Kms. and upto 10 Kms. (Per Km.)	64.00	Cum	8.68	2778	
1.05	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.					
1.04	2.26.1	All kinds of soil.	62.00	Cum	51.75	3209	/-
		Total Earth Work :				24956	
2.00	4.0	<u>CONCRETE WORK</u>					
2.01	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level.					
	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	2.00	Cum	4478.15	8956	/-
		Total Cement Concrete work :				8956	

Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
3.00	5.0	<u>R.C.C. WORK</u>					
3.01	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :					
	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	3.00	Cum	6215.35	18646	/-
3.02	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.					
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	219.00	Kg	56.60	12395	/-
3.03	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :					
	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	8.00	Sqm	422.30	3378	/-
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	7.00	Sqm	342.90	2400	/-
	5.9.2	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	1.00	Sqm	378.60	379	/-
	5.9.16	Edges of slabs and breaks in floors and walls					
	5.9.16.1	Under 20 cm wide	16.00	metre	122.20	1955	/-
		Total R.C.C. Work :				39154	
4.00	6.0	<u>BRICK WORK</u>					
4.01	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
	6.1.2	a) Cement mortar 1:6 (1 cement : 6 coarse sand)	14.00	Cum	4751.65	66523	/-
4.02	MR	Providing and laying 300 mm thick broken brick bat of 75-40 mm thick nominal size including spreading, well ramming, consolidating and grouting with coarse and fine sand in the ratio of 2:1, including finishing smooth etc. complete as per direction of Engineer-in-Charge.	4.00	Sqm	542.30	2169	/-
		Total Brick Work :				68692	

Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
5.00	23.0	RAIN WATER HARVESTING					
5.01	23.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level					
	23.1.1	All types of soil					
	23.1.1.1	300mm dia	30.00	Metre	370.7	11121	/-
5.02	23.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.					
	23.3.2	150 mm nominal size dia	4.00	Metre	572.3	2289	/-
5.03	23.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.					
	23.4.2	150 mm nominal size dia	35.00	Metre	529.35	18527	/-
5.04	23.5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	2.00	Cum	921.9	1844	/-
5.05	23.6	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	3.00	Cum	1038.05	3114	/-
5.06	23.7	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -in-charge.	2.00	Cum	1038.05	2076	/-
5.07	23.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	3.00	Cum	1175.6	3527	/-

Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
5.08	23.13	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:					
	23.13.2	150 mm nominal size dia	1.00	Each	182.95	183	/-
5.09	19.15	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design :					
	19.15.1	With 20x20 mm square bar	3.00	Each	267.95	804	/-
5.10	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality					
	19.19.4	EHD - 35					
	19.19.3.1	M.D. -20- Circular shape 560mm internal diameter	3.00	Each	1300.95	3903	/-
5.11	13.4	12 mm cement plaster of mix :					
	13.4.2	1:6 (1 cement: 6 fine sand)	54.00	Sqm	168.25	9086	/-
Total Rain water harvesting :						56473	

ABSTRACT OF COST

Name of work: Construction of Rain Water Harvesting-Type B for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya Mungeshpur, Delhi

<u>S. No.</u>	<u>ITEM OF CIVIL WORK</u>	<u>AMOUNT</u>		
1.00	Earth Work	Rs.	34985	/-
2.00	Concrete Work	Rs.	13434	/-
3.00	R.C.C. Work	Rs.	53364	/-
4.00	Brick Work	Rs.	90410	/-
5.00	Rain water harvesting	Rs.	60175	/-
Total =		Rs.	252369	/-

SCHEDULE OF QUANTITIES							
Name of work: Construction of Rain Water Harvesting-Type B for Navodaya Vidyalaya Samiti at Jawahar Navodaya Vidyalaya Mungeshpur, Delhi							
Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
1.00	2.0	EARTH WORK					
1.01	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed.					
	2.6.1	All kinds of soil	110.00	Cum	125.95	13855	/-
1.02	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	19.00	Cum	125.75	2389	/-
1.03	1.1	Carriage of lime, moorum, building rubbish and debris including refractory/ insulation debris etc. by mechanical transport for following leads or part thereof including loading, unloading and stacking all complete as per the direction of the Engineer-in-Charge. (The rates will be applicable to net quantities after deduction for voids of 20%).					
	1.1.1	Upto a lead of 5 Km.	91.00	Cum	119.33	10859	/-
		Extra for lead beyond 5 Kms. and upto 10 Kms. (Per Km.)	91.00	Cum	8.68	3949	
1.05	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.					
1.04	2.26.1	All kinds of soil.	76.00	Cum	51.75	3933	/-
		Total Earth Work :				34985	
2.00	4.0	CONCRETE WORK					
2.01	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level.					
	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	3.00	Cum	4478.15	13434	/-
		Total Cement Concrete work :				13434	

Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
3.00	5.0	R.C.C. WORK					
3.01	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :					
	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size).	4.00	Cum	6215.35	24861	/-
3.02	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level.					
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	309.00	Kg	56.60	17489	/-
3.03	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :					
	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	14.00	Sqm	422.30	5912	/-
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	7.00	Sqm	342.90	2400	/-
	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1.00	Sqm	378.60	379	/-
	5.9.16	Edges of slabs and breaks in floors and walls					
	5.9.16.1	Under 20 cm wide	19.00	metre	122.20	2322	/-
		Total R.C.C. Work :				53364	
4.00	6.0	BRICK WORK					
4.01	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					
	6.1.2	a) Cement mortar 1:6 (1 cement : 6 coarse sand)	18.00	Cum	4751.65	85530	/-
4.02	MR	Providing and laying 300 mm thick broken brick bat of 75-40 mm thick nominal size including spreading, well ramming, consolidating and grouting with coarse and fine sand in the ratio of 2:1, including finishing smooth etc. complete as per direction of Engineer-in-Charge.	9.00	Sqm	542.30	4881	/-
		Total Brick Work :				90410	

Item No.	DSR 2016	Description of Item	Quantity	Unit	Rate Rs.	Amount Rs.	
5.00	23.0	RAIN WATER HARVESTING					
5.01	23.1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level					
	23.1.1	All types of soil					
	23.1.1.1	300mm dia	30.00	Metre	370.7	11121	/-
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	23.4.2	150 mm nominal size dia	35.00	Metre	529.35	18527	/-
5.04	23.5	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	2.00	Cum	921.9	1844	/-
5.05	23.6	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	3.00	Cum	1038.05	3114	/-
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5.09	19.15	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design :					
	19.15.1	With 20x20 mm square bar	3.00	Each	267.95	804	/-
5.10	19.19	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality					
	19.19.4	EHD - 35					
	19.19.3.1	M.D. -20- Circular shape 560mm internal diameter	3.00	Each	1300.95	3903	/-
5.11	13.4	12 mm cement plaster of mix :					
	13.4.2	1:6 (1 cement: 6 fine sand)	76.00	Sqm	168.25	12787	/-
		Total Rain water harvesting :				60175	

LIST OF ACCEPTABLE MAKES FOR ELECTRICAL ITEMS

For NVS

S. No.	Items	Conforming IS Code	Make
1	FRLS PVC insulated copper conductor	IS 694:1990/IEC 60227-1 to 5 (1979)	Havells/RR Kabels/KEI/Polycab/Skytone
2	PVC / Steel Conduit (duly ISI marked)	IS 9547 (Part 1) 1980/IEC 60614-1 (1978)	Setia/ AKG/ HCL
3	Piano type switch / socket	IS 3854:1997	Havells/Kinjal/Anchor
4	Phenolic laminated sheet cover		Hylem/Formica/ Skylam
5	MCB Distribution board	IS 2675:1983	Havells/ Legrand/ C&S/ L&T/ Siemens
6	MCB / MCCB	IS 13032:1991	Havells/ Legrand/ C&S/ L&T
7	Brass compression gland/ Thimble		Dowells/ Comet/ Action
8	G.I Wire/ G.I strip		Hot dipped galvanized wire
9	Indoor cubical type panel board	IS 5039:1983	Tricolite / Advance Panel & Switchgear Pvt. Ltd/ Neptune/ ASPL/ Risha (All Duly CPRI approved workshop)
10	G.I. Pipe (duly ISI marked)	IS 1239 (Part1)	Jindal Hisar/ ITC/ TATA STEEL
11	Bend, elbow, socket, union, clamp		Duly ISI Marked
12	Indicating LED Lamp	IS 16102 (Part I & II)	L&T /Siemens/ ABB/ Schneider/ Rishabh/ Philips
13	Various wattages Energy efficient LED luminaries.	IS 10322 (Part 1) 1982/ IEC 598-1 (1979)	Crompton/ Havells/ Philips
14	L.T armoured power cables- Aluminium conductor	IS 694:1990/IEC 60227-1 to 5 (1979)	Finolex/ Havells/ Universal/ Polycab
15	Inverter system	IS 13314	Sukam/ Microtek/ Luminous
16	Heavy duty ceiling fan/ exhaust fan	IS 374:1979	Almonard/ Crompton/ Havells/ Usha
17	Pressure type fire extinguishers	IS 15683:2006	Lifeguard/ Omex/ Ceasefire
18	Submersible pump set	IS 8034:1989	KSB/ Kirloskar/ Grundfos
19	Copper conductor flat submersible cable	IS 694:1990/IEC 60227-1 to 5 (1979)	Finolex / Havells / Universal / Polycab / Skytone
20	DOL starter	IS 8544 (Part 1) 1977	Havells / L&T / Rishabh / KSB
21	Ammeter/ Voltmeter	IS 1248 (Part 2) 2003/ IEC 60051-2 (1984)	L&T / Rishabh/ HPL / Vasthara/ GE
22	Overload relay/ Power contactor		L&T/BCH/GE /Havell's / HPL
23	Single phase Preventer		Minilec /L&T/ HPL
24	Lead Acid SMF battery	IS 14257	Exide/ SF/ AMRA RAJA
25	Motor/ Pumps	IS 9542:1980	Kirloskar/ Havells/ Crompton Green/KSB
26	25 KVA DG Set (Air cooled/ water cooled)	Engine- IS 10001 Alternator- IS 13364 (part-1)	Kirloskar / Cummins/Eicher
27	Fluorescent luminaries	IS 10322 (Part 1) : 1982/ IEC 598-1 (1979)	Crompton/ Havells/ Philips

LIST OF APPROVED MAKE OF MATERIALS

S. No.	Material /Article	Conforming IS Code	Manufacturers/ Agencies/ Brand make
1	Cement (OPC 43 grade/PPC)	IS 8112:1989 IS 1489 (Part - 1): 1991	A.C.C., Jaypee Cement, Ultratech, Shri Cement, Gujrat Ambuja Cement and cement Corporation of India.
2	Steel Reinforcement	IS 1786:2008	Thermo mechanically treated bars Fe-500 Grade conforming to IS 1786:2008 from approved brands i.e. SAIL, TISCO, RINL
3	Structural Steel	IS 2062:2011	SAIL, TISCO, RINL. In case of non availability of sections with primary producer sections shall be produced after approval of Engineer in charge
4	Corrugated GI Sheets	IS 277:2003	TATA, Essar, SAIL, JSW, BHUSAN
5	Colour coated profile sheet	-	TATA
6	Float Glass Profile sheet TATA (transparent)	IS 14900:2000	TATA, Modiguard, Saint Gobain
7	Aluminium extruded sections	IS 733:1983 & IS 1285:2002	Jindal, Hindalco
8	Aluminium plain sheets	IS 733:1983 & IS 1285:2002	Jindal, Hindalco
9	Preaminated Particle board	IS 12823:1990 Grade-I Type-II	Eco board, Archid, Century, Action Tesa, BAUTAN Board
10	Block Board	IS 1659:2004	Century, Greenply, Archid, Kitply
11	Flush door shutter	IS 2202 (Part 1) : 1999	Greenply, Century, Archid, Kitply
12	Commercial Ply	IS 303:1989	Century, Greenply, Archid, Kitply
13	Aluminium door & window fittings	Relevant IS Code	Jyoti, Argent, Everest
14	PVC rigid foam sheet	-	Rajshri or equivalent
15	Hydraulic Floor Spring	IS 6315:1992	Hitech, Sandhu, Hardwin
16	Door Closure		Hitech, Sandhu, Hardwin, Gudek, Durrani Door set
17	Pre-cast terrazzo tiles	IS 1237:1980	NTC, A-1, GTC
18	PVC pipe & PVC fittings	IS 4985:2000 & IS 14233:1999	Supreme, Finolex, Prince
19	CPVC Pipe (White Colour) & fittings	IS 16088:2012, IS 15778:2007	Supreme, Astral
20	Ceramic glazed wall tiles	IS 13712:1993	HR Johnson, Kazaria, Orient, Somany, NITCO
21	VITRIFIED TILES	IS: 15622:2006	KAJARIA, RAK, H R, JOHNSON (MARBONITE), NITCO
22	BITUMEN VG-30, VG-10 etc.	IS:73:2013	As per particular specification of IOCL, BPCL, HPCL
23	ADMIXTURES	IS: 9103:1999	FOSROC, SIKKA, CICO Technologies Ltd, Pidilite
24	Mild Steel Tubes	IS: 1239:1990	As per IS Code
25	Paints	IS 101:1986	LOUIS BERGER, ASIAN PAINTS, NEROLAC & ICI DULUX
26	STEEL/Wood PRIMER PAINTS	IS:14177:1994	ICI Dulux, NEROLAC, BERGER, ASIAN
27	C C INTERLOCKING Paver Blocks	IS: 15658:2006	As per IS Code
28	Bitumen 85/25	IS:702:1988	HPCL, IOCL
29	STEEL/Wood PRIMER PAINTS	IS:14177:1994	ICI DULUX, NEROLAC, BERGER, ASIAN
30	WATERPROOFING COMPOUND	IS:2645:2003	FOSROC, DR. FIXIT, BASF
31	G.I. PIPES	IS:1239	TATA, JINDAL (HISAR)
32	G.I. FITTINGS	-	UNIK
33	PVC WATER STORAGE TANKS	IS: 12701:1996	SINTEX
34	P.T.M.T. Accessories	IS 9763	Prayag, PRAKASH, SURYA
35	Stainless Steel Sink	IS: 13983:1994	Hindware, NIRALI
36	SANITARYWARE/ CHINAWARE	As per IS Code	CERA, Parryware, HINDWARE
37	C.P. FITTING ACCESSORIES For bathroom / toilets	IS:7784:1993	GEM, PARKO, SIEKO, ESS, JAQUAR, PLUMBER, L&K METRO, VARDHMAN