



**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT  
OFFICE OF THE EXECUTIVE ENGINEER,  
KENDIRYA SADAN, LAMBA LINE,  
SRI VIJAYA PURAM - 744103.**

**NIT No.12/EE/ACD/CPWD/2026-27(Recall-1)**

**Name of work:** Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.

**NIT Amount: Rs. 22,11,247/-**

|              |     |
|--------------|-----|
| Insertions   | NIL |
| Corrections  | NIL |
| Omissions    | NIL |
| Overwritings | NIL |

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**Central Public Works Department**  
**NIT No. 12/EE/ACD/CPWD/2026-27(Recall-1)**

**Name of work:** **Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.**

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Certified that the NIT contains **01** to **66** Pages only

Notice Inviting Tender approved for **Rs. 22,11,247/-**

(Rupees Twenty Two Lakh Eleven Thousand Two Hundred Forty Seven Only)

**Assistant Engineer (P)**  
**CPWD, Andaman**

**Executive Engineer,**  
**CPWD, Andaman**

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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**CENTRAL PUBLIC WORKS DEPARTMENT**  
**NOTICE INVITING e- BID**

**The Executive Engineer, Andaman Central Division, CPWD, Sri Vijaya Puram (Phone No.03192-241906, Email id:- acd-cpwd@gov.in)** on behalf of President of India Re-invites online Percentage rate bids from CPWD enlisted contractors of appropriate class in **Single bid** system for the following work of:-

**NIT No.12/EE/ACD/CPWD/2026-27(Recall-1)**

**Name of work:** Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.

**Estimated Cost :** Rs.22,11,247/-

**Earnest Money :** Rs.44,225/-

**Performance Guarantee :** 5% of tendered value or 5% of Estimated cost put to (ECPT), whichever is higher

**Additional PG :** A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.

Requirement of Additional Performance Guarantee (APG) : In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be 0.8A-0.7A).

The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.

**Security Deposit:** 2.5% of tendered value

**Period of Completion :** 04 Months

**Last time and date of submission of Bid up to 15:00 Hrs. on 25.07.2026**

**Time and date of Opening of Bid up to 15:30 Hrs. on 25.07.2026**

The Tender forms and other details can be obtained from the **website**[www.etender.cpwd.gov.in](http://www.etender.cpwd.gov.in) or [www.cpwd.gov.in](http://www.cpwd.gov.in) **Further modification or change of dates, if any, can be seen in the above stated tender web site.**

**Executive Engineer,  
CPWD, Andaman**

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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केन्द्रीय लोक निर्माण विभाग  
कार्यालय ज्ञापन

No. DG/Manual-2024/20

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi

Dated: 27.02.2026

Sub: Modification in Para 5.2 for CPWD Works Manual 2024.

Following modification is made in Para no. 5.2 for CPWD Works Manual 2024:

| Existing Provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Modified Provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5.2 Performance Guarantee</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>5.2 Performance Guarantee</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sl. No. 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2. PG shall be 5% of the contract amount or as prescribed from time to time to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of sixty days beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions. | 2. PG shall be 5% of the <b>Estimated cost put to tender (ECPT)</b> or contract amount <b>whichever is higher</b> , or as prescribed from time to time, to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of <b>six months</b> beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions. |
| Sl. No. 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4. No provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4. A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 5. No provision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5. Requirement of Additional Performance Guarantee (APG) : In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be                                                                                                                                                                                         |

D.P. Jindal  
EE (Contract)

|                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.8A – 0.7A).<br>The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

This is issued with the approval of DG CPWD.

(चन्द्र पाल)  
अधीक्षण अभियंता  
सीएलई विभाग  
Chander Pal, SE (C&M)

Issued from file No. CSQ/CM/16(1)/2026 e-file 9212995 (DFA/ 9365789)

केलोनवि तथा लोनवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनवि वेबसाइट के माध्यम से)

D.P. Jindal

D.P. Jindal  
EE (Contract)

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|--------------|-----|
| Insertions   | NIL |
| Corrections  | NIL |
| Omissions    | NIL |
| Overwritings | NIL |

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**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR  
e- TENDERING FORMING PART OF BIT DOCUMENT  
(Applicable for inviting open Bids)**

**The Executive Engineer, Andaman Central Division, CPWD, Sri Vijaya Puram (Phone No.03192-241906, Email id:- acd-cpwd@gov.in)** on behalf of President of India Re-invites online Percentage rate bids from CPWD enlisted contractors of appropriate class in **Single bid** system for the following work of:-

| Sl. No | NIT No                                  | Name of work & Location                                                                                                                                 | Estimated cost put to bid (Rs.) | Earnest Money (Rs.) | Stipulated Period of completion of work (In months) | Last date of online submission of Bid, Copy of receipt of deposition of original EMD and other documents as specified in the bid documents | Time and date of opening of bid |
|--------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 1      | 2                                       | 3                                                                                                                                                       | 4                               | 5                   | 6                                                   | 7                                                                                                                                          | 9                               |
| 1      | <u>12/EE/ACD/CPWD/2026-27(Recall-1)</u> | Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar. | Rs.22,11,247/-                  | Rs. 44,225/-        | 04 Months                                           | Up to 15:00 Hrs. on 25.07.2026                                                                                                             | 15:30 Hrs. on 25.07.2026        |

|              |     |
|--------------|-----|
| Insertions   | NIL |
| Corrections  | NIL |
| Omissions    | NIL |
| Overwritings | NIL |

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1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> or [www.cpwd.gov.in](http://www.cpwd.gov.in) free of cost.
4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand Draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of **Executive Engineer, CPWD, Andaman** as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer, (including NIT issuing EE), CPWD and other documents as specified.
5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered/update their profile beforehand. The necessary training materials including the videos with step-to-step process are available on download section of <https://etender.cpwd.gov.in>
6. The intending bidder must have valid class-III digital signature certificate with encryption key (combo type) to perform any operations/ transactions on the e-tendering portal/website and the bidder should download and install the eMsigner on their system as per instructions available on download section of <https://etender.cpwd.gov.in>.
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of JPG format and PDF format.
9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.

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 bidder, rate of such item shall be treated as "0" (ZERO).

However, if a tendered quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

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|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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10. Tendered Amount quoted by the contractor is final and inclusive of GST etc. and nothing extra shall be paid. Necessary deduction for GST shall be made as per prevailing rules.
11. The bid become not eligible if bidder does not upload scanned copies of all the documents stipulated in the bid document (including GST Registration and as stipulated in the bid documents).

**NOTE:** The postal address of Executive Engineer, Andaman may be noted as below for correspondence and submission of Physical documents Bidder should ensure himself that above documents are uploaded in correct format and at correct location on the website.

**OFFICE OF THE EXECUTIVE ENGINEER, CPWD  
KENDRIYA SADAN, 1<sup>st</sup> FLOOR,  
'A' BLOCK, RANCHI BASTI,  
LAMBALINE, SRI VIJAYA PURAM-744103  
Telephone No.03192-241906  
Email Id – [acd-cpwd@gov.in](mailto:acd-cpwd@gov.in)**

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|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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

1. Insurance Surety Bonds, Account Payee Demand draft, Fixed Deposit Receipts, Bankers Cheque or Bank Guarantee (as prescribed) from any of the Commercial Bank drawn in favour of Executive Engineer, CPWD, **Sri Vijaya Puram against EMD**  
**(In the EMD document such as FDR, Term Deposit Advance etc. the lien of the Executive Engineer who is inviting tenders should be recorded in the soft copy itself so that the lien of Executive Engineer remains in the database of the bank/institution.)**
2. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer, CPWD. (The EMD document shall be issued from the place in which the office of receiving division office is situated).
3. Enlistment Order of the Contractor.
4. Notarized Affidavit of 'Non-black listing' by CPWD/State/Central departments/PSU/Autonomous bodies as per Form 'J'. **(Not older than the date of Notice Inviting tender (i.e., 18.07.2026))**
5. GST registration Certificate of the state in which the work is to be taken up, if already obtained by the bidder.

If the bidder has not obtained GST registration in the state in which the work is to be taken up, or as required by GST authorities, then he shall scan and upload following undertaking along with other bid documents

"If work is awarded to me, I/we shall obtain GST registration certificate of the state, in which work is to be taken up, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and /or for any action taken by CPWD or GST department in this regard.

6. Copy of agency letter head having valid E-mail ID and Mobile Number.
7. Undertaking for site inspection : Intending bidders must upload undertaking regarding site inspection: "I/we have inspected and examined the site of work and it's surrounding and fully satisfy before submitting my/our bids

|                     |            |
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| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

AE(P)

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## INFORMATION AND INSTRUCTIONS FOR EXECUTIVE ENGINEER for e-TENDERING

1. The Executive Engineer of any division/projects or any other officer designated by CPWD Directorate from time to time are authorized to receive the original EMD for tender or tenders of any other division/projects.
2. The ~~NIT approving authority~~ EE at the time of issue of NIT shall also fill and upload the following prescribed format of receipt of deposition of original EMD along with NIT:

### Receipt for deposition of Original EMD

(Receipt No..... / date.....)

**NAME OF WORK: Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.**

N.I.T. No 12/EE/ACD/CPWD/2026-27(Recall-1)

(i) Estimated Cost **Rs. 22,11,247/-**

Amount of Earnest Money Deposit **Rs. 44,225/-**

(ii) Last date of submission of bid **25.07.2026**

(i) Name of Contractor.....

(ii) Form of EMD.....

(iii) Amount of Earnest Money Deposit.....

(iv) Date of submission of EMD.....

Name and Designation of EMD

Receiving officer (EE/AE(P)/AE/AAO)

Along with Office stamp.

(To be filled by EMD receiving EE/ NIT issuing EE/AE).\*\*

- The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the agency in a given format uploaded by tender inviting EE. The receipt can also be issued by the AE(P)/AE/AAO.
- The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer about deposition of EMD by the agency by email/fax/telephonically.
- The original EMD receiving Executive Engineer shall release the EMD after verification from the e-tendering portal website (<https://etender.cpwd.gov.in> >closed Tender>all that the particular contractor is not L-1 tenderer and work is awarded.
- The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

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|--------------|-----|
| Insertions   | NIL |
| Corrections  | NIL |
| Omissions    | NIL |
| Overwritings | NIL |

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### **CPWD-6 FORE-TENDERING**

**The Executive Engineer, Andaman Central Division, CPWD, Sri Vijaya Puram (Phone No.03192-241906, Email id:-acd-cpwd@gov.in)** on behalf of President of India Re-invites online Percentage rate bids from CPWD enlisted contractors of appropriate class in **Single bid** system for the following work of:- **Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.** **The enlistment of the contractor should be valid on the last date of submission of bids. In case the last date of submission of bid is extended, the enlistment should be valid on the original date of submission of bids.**

1. The work is estimated to cost **Rs.22,11,247/-**. This estimate, however, is given merely as a rough guide.
2. All the intended Bidders are advised to go through CPWD Enlistment Rates 2026 available at website <https://cpwd.gov.in>.
3. Agreement shall be drawn with the successful bidders on prescribed Form No.**CPWD-7** (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidders shall quote his rates **(inclusive of GST and 1% labour welfare cess)** as per various terms and conditions of the said form which will form part of the agreement.
4. The time allowed for carrying out the work will be **04(Four)** months from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
5. (i) The site for the work is available.  
(ii) The Architectural drawings for the work are available.  
(iii) The structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of the work.
6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website <https://etender.cpwd.gov.in> or **www.cpwd.gov.in** free of cost.
7. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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8. The Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (**drawn in favour of Executive Engineer – CPWD, Sri Vijaya Puram, Andaman**) shall be scanned and uploaded to the e- Tendering websites within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. (The EMD document shall only be issued from the place in which the office of receiving division office situated). The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format uploaded by tender inviting EE in the NIT. This receipt shall also be uploaded to the e- tendering web site by the intending bidder up to the specified bid submission date and time. **In the EMD document such as FDR, Term Deposit Advance etc. the lien of the Executive Engineer who is inviting tenders should be recorded in the soft copy itself so that the lien of Executive Engineer remains in the database of the bank/institution.**

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for **ninety days** or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier.

9. Copy of Enlistment Order and other documents as specified in the notice inviting tender shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents shall have to be submitted by the lowest bidder only within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, **whose original EMD deposited with any division of CPWD** and other documents scanned and uploaded are found in order.
10. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:
- The bidder is found ineligible.
  - The bidder does not upload scanned copies of all the documents stipulated in the bid document.
  - If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically be the lowest bidder in the office of bid opening authority.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
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| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (five percentage) of the bid amount and Additional PG in case of abnormally low bids as per OM No.DG Manual – 2024/20 dated 27.02.2026, within the period specified in Schedule-F. This guarantee shall be in the form of Insurance Surety Bonds, Account payee Demand Draft, Fixed Deposit Receipt of Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule-F.

**12. The brief description of the work is as follows:**

**Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.**

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects It or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

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|--------------|-----|
| Insertions   | NIL |
| Corrections  | NIL |
| Omissions    | NIL |
| Overwritings | NIL |

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13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
16. **GST** or any other tax applicable in respect of inputs procured by the contractor for the contract shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at time of supply of service (as provided in CGST ACT 2017) provided by the contract shall be varied if different from that applicable on the last date of receipt of tender including extension if any
17. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
18. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found anytime to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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19. The bid for the works shall remain open for acceptance for period of **(30)** days from the date of opening of bids. Further,
- If any tenderer withdraws his tender or makes any modification in the terms and conditions of the tender which is not acceptable to the department **within 7 days after last date of submission of bids**, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit **50% of the earnest money** absolutely irrespective of letter of acceptance for the work is issued or not.
  - If any tenderer withdraws his tender or makes any modification in the terms and conditions of the tender which is not acceptable to the department **after expiry of 7 days after last date of submission of bids**, then the Government shall without prejudice to any right or remedy, be at liberty to forfeit **100% of the earnest money** absolutely irrespective of letter of acceptance for the work is issued or not.
  - In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.
20. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
- The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
  - Standard CPWD Form 7 modified and corrected up to last date of receipt of Bid/tender.
21. **In case of any discrepancy is noticed between the documents as uploaded at the time of submission of the bid by the lowest bidder, online and hard copies as submitted physically by him in the office of Executive Engineer, then the bid submitted by the lowest bidder shall be come invalid.**
22. The intending bidders are required to update their profile in CPWD e-tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone No 03192-241906 e-mail Id [acd-cpwd@gov.in](mailto:acd-cpwd@gov.in)) or ERP helpline no. 18001803286 or e-mail Id [cpwd.support@techmahindra.com](mailto:cpwd.support@techmahindra.com). The e-tendering bidders are also advised not to wait to raise any issues till the last date of submission of bid in their own interest.

\*To be filled in by NIT approving authority.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT  
Percentage Rate Tender & Contract for Works**

Tender for the work of: **Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.**

**STATE : Andaman and Nicobar Islands**  
**BRANCH : B & R**  
**REGION : RC**

**ZONE : CE/CHENNAI**  
**DIVISION : EE, ANDAMAN**  
**SUB- DIVISION: AE-1**

- (i) To be uploaded by **15:00 Hrs. on 25.07.2026** to/ upload at **15:00 Hrs.**  
(ii) To be opened in presence of tenderers who may be present at **15:30 Hrs. on 25.07.2026** in the office of **EE/CPWD/Andaman.**

**TENDER**

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

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for (30) thirty days from the due date its opening **in case of single bid system** and not to make any modifications in its terms and conditions.

I/We have deposited EMD for the prescribed amount in the office of concerned Executive Engineer as per the bid document.

A copy of Earnest money deposit of **Rs.44,225/-** deposited in the form of insurance safety bonds account payee demand draft, fixed deposit receipt, Banker cheque or Bank Guarantee (as prescribed) issued by a commercial bank scanned and uploaded (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said the performance guarantee absolutely.

The said performance guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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Further, I/We agree that in case of forfeiture of Earnest Money Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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

Dated.....

Signature of contractor

Postal Address

Witness :

Address:

Occupation:

### ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned here under) is accepted by me for and on behalf of the President of India for a sum of **Rs. -----**  
**(Rupees ----- only).**

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

i)

ii)

ii)

For & on behalf of the President of India.

Signatures.....

Dated.....

Designation.....

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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## PROFORMA OF SCHEDULES

### SCHEDULE 'A'

Schedule of quantities : **As per separate schedule attached (Page No. 63-66)**

### SCHEDULE 'D'

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

Special Conditions & Particular Specifications (Civil works)

### SCHEDULE 'E'

**GCC 2023 for construction works** modified and modified & corrected upto the last date of submission of bid.

**Name of work: Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.**

**Estimate cost of work : Rs.22,11,247/-**

i) Earnest money : **Rs. 44,225/-**

ii) Performance Guarantee : **a) 5% of tendered value or Estimated Cost put to Tender (ECPT) (whichever is higher).  
b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee , in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.5% of tendered value.**

iii) Security Deposit : 2.5% of tendered value

### SCHEDULE 'F'

Reference to General Conditions of contract.

**General Rules & Directions:** Officer inviting tender [EE/CPWD/Andaman.](#)  
[or his Successor thereof](#)

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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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 for Civil : [EE/CPWD/Andaman. or his Successor thereof](#)
- 2(viii) Accepting Authority [EE/CPWD/Andaman. or his Successor thereof](#)
- 2(x) Percentage on cost of materials and labour to cover all overheads and profits. **15%**
- 2(xi) Standard Schedule of Rates for Civil : **DSR-2023 with Correction Slips upto the last date of submission/uploading of tender.**
- 2(xii) Department : [Central P.W.D](#)
- 9 ii) Contract Form : GCC 2023 for Construction Works, CPWD Form 7 as Modified corrected upto last date of submission of bid.

**Clause 1**

- i) Time allowed for submission of Performance Guarantee Programme chart (Time and progress) and applicable labour license, registration with EPFO , ESIC and BOCW welfare board or proof of applying thereof from the date of issue of letter of acceptance **07 days**
- ii) Maximum allowable extension with late fee @0.1% per day of performance Guarantee amount beyond the period (provided in i) above **03 days**

**Clause 2**

Authority for fixing compensation under clause 2. [CE\(Chennai\)/CPWD/Chennai or his Successor thereof](#)

**Clause 2A**

Whether clause 2 A shall be applicable **No**

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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**Clause 5****Not Applicable**

Authority to decide

i) Extension of time .....

EE/CPWD/Andaman  
or his Successor thereof

ii) Rescheduling of mile stone.....

CE(Chennai)/CPWD/Chennai  
or his Successor thereofiii) Shifting of date of start in case of  
delay in handing over of site .....CE(Chennai)/CPWD/Chennai  
or his Successor thereof**Milestone (s) as per given below :-**

| Sl. No. | Description of Milestone<br>(Physical) | Time Allowed in days<br>(from date of start) | Amount to be<br>withheld in case of<br>non achievement of<br>Mile (s) Stone |
|---------|----------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------|
| 1.      | 1/4 of the whole work                  | 1 Month                                      | 1.25 % of total<br>Tendered Amount                                          |
| 2.      | 1/2 of the whole work                  | 2 Months                                     | 1.25 % of total<br>Tendered Amount                                          |
| 3.      | 3/4 of the whole work                  | 3 Months                                     | 1.25 % of total<br>Tendered Amount                                          |
| 4.      | Full                                   | 4 Months                                     | 1.25 % of total<br>Tendered Amount                                          |

Number of days from the date of issue of letter  
acceptance for reckoning date of start**10 days or date of handing over  
of site whichever is later**

Time allowed for execution of work.

**Four (04) Months**Authority to give fair and reasonable extension of time for EE/CPWD/Andaman**Clause 6****CMB through ERP portal****Clause 7**

Gross work to be done together with net payment  
/adjustment of advances for material collected, if  
any since the last such Payment for being eligible  
to interim payment.  
as per discretion of Engineer-in-Charge.

Rs. 09 Lakhs (or) part thereof  
as per the discretion of E in C

|              |     |
|--------------|-----|
| Insertions   | NIL |
| Corrections  | NIL |
| Omissions    | NIL |
| Overwritings | NIL |

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**Clause 7A**

|                                       |     |
|---------------------------------------|-----|
| Whether Clause 7A shall be applicable | Yes |
|---------------------------------------|-----|

- (a) No Running Account Bill/Final Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge.
- (b) No Running Account Bill/Final Bill shall be paid for the work till the FNLR in the prescribed format are submitted by the contractor to the Engineer-in-Charge.
- (c) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment:-
- 1. Details of person employed with date of their employment up to previous month.**
  - 2. Documents of payment made to the employees directly into their bank accounts up to previous month.**
  - 3. Documents of attendance through biometric attendance or other mode up to previous month.**
  - 4. Documents of deposition of EPF and ESI deductions in the employee's accounts up to previous month.**
  - 5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deductions in the employee's accounts up to previous month.**
  - 6. Any other document(s) required as per statutory requirements and/or as directed by Engineer-in-Charge.**
- (c) **In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the SE/CE concerned.**

**Clause 7B Payment to third party**

If the exigencies of the work so demand, the engineer-in-charge may allow payment to a third party, who is creditor to the contractor, after fulfilling the following Conditions.

- a) The contractor gives an authority letter addressed to the engineer-in-charge on a non-judicial stamp paper of Rs.100 in the format given below.

I/We authorize the **Executive Engineer, Andaman Central Division, CPWD, Sri Vijaya Puram** to pay directly on my/our behalf to ..... (name of the third party) an amount of Rs.....(Rupees.....in words) for the work done or supplies made by .....(Name of the Third Party) . I/we shall be responsible for the quality and quantity of the same under the provisions of agreement number.....

**Signature of the contractor**

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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- b) The total payment to third party (or parties) shall not exceed 10% of the agreement cost of the work.

#### Clause 10A

List of testing equipment to be provided  
by the contractor at site lab.

: NA

#### Clause 10B (ii)

Not Applicable

#### Clause 10C

Component of labour expressed as percent of  
Value of work.

Not Applicable

#### Clause 10 CC

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

Not Applicable

#### Clause 11

Specifications to be followed for execution of work

For Civil Work : **CPWD specification 2019 with correction slips upto the last date of submission/uploading of tender.**

**Clause 12 : Construction Works (Original work)**

**Deviation in Completion Cost : The completion cost shall, in no case exceed, 1.5 times the contract amount ( as per DG/CON/ Construction 2023/03 dtd. 06.12.2023).**

**12.2(C ):**

**Deviation Limit beyond which clause 12.2(C ) shall apply  
for building work**

**100%**

**(i) Deviation Limit beyond which clause  
12.2 (C ) shall apply for foundation work  
(except items mentioned in earth work  
subhead in DSR and related items)**

**100%**

**(ii) Deviation Limit for items mentioned in  
earth work subhead of DSR and related items**

**100%**

**NOTE: As per DG/CON/312 no substitute item is allowed**

#### Clause 16

Competent Authority for deciding reduced rates.

**CE(Chennai)/CPWD/Chennai**

#### Clause 18

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

Not Applicable

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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**Clause 19 C:** ... is authority to decide penalty for each default. [EE/CPWD/Andaman](#)

**Clause 19 D:**....is authority to decide penalty for each default. [EE/CPWD/Andaman](#)

**Clause 19 G:**.....is authority to decide penalty for each default. [EE/CPWD/Andaman](#)

**Clause 19 K:** .....is authority to decide penalty for each default [EE/CPWD/Andaman](#)

**Clause 25: For all claims in dispute:**

|             |                                        |   |                                                        |
|-------------|----------------------------------------|---|--------------------------------------------------------|
| <b>I.</b>   | <b>Conciliator</b>                     | : | The Special Director General, Chennai, CPWD.           |
| <b>II.</b>  | <b>Arbitrator Appointing Authority</b> | : | Chief Engineer, Chennai, CPWD or his successor thereof |
| <b>III.</b> | <b>Place of Arbitration</b>            | : | Chennai, Tamil Nādu.                                   |

**Clause 32 Requirements of Technical Representative (s) and Recovery Rates: 1 No.**

| Sl. No | Requirement of Technical Staff        |                                     | Minimum Experience (Years) | Designation of Technical staff                | Rate at which recovery shall be made from the contractor in the event of not fulfilling |
|--------|---------------------------------------|-------------------------------------|----------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------|
|        | Qualification                         | Number (of Major + Minor Component) |                            |                                               |                                                                                         |
| 1      | Graduate Engineer<br>Diploma Engineer | 1(Civil)                            | 2                          | Project Planning/<br>quality/Billing Engineer | Rs.<br>15,000/-<br>Per month<br>per person                                              |

**Clause 38**

**Theoretical consumption of materials**

- (i) (a) Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2019 printed by C.P.W.D with correction slips issued upto date.
- (ii) Variations permissible on theoretical quantities.
- (a) Cement for works with estimated cost put to tender not more than Rs. 5 lakhs : 3% plus /minus  
and for works with estimated cost put to tender more than 5 lakhs : 2% plus/minus
- b) Bitumen for all works : 2.5% plus only & nil on minus Side
- (c) Steel Reinforcement and structural steel sections for each diameter, section and category : 2% plus/minus
- (d) All other materials : Nil

|                     |            |
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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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**FORM OF BANK GUARANTEE FOR PERFORMANCE GUARANTEE/SECURITY  
DEPOSIT/(MOBILIZATION ADVANCE)**

1. Whereas the Executive Engineer.....(name of division).....CPWD on behalf of the President of India (hereinafter called “The Government”) has invited bids under .....(NIT number).....date.....(name of work ) ..... The Government has further agreed to accept irrevocable Bank Guarantee for Rs.....(Rupees.....only) valid upto.....(date)..... as Earnest Money Deposit from .....(name and address of contractor ) ..... here in after called “the contractor”) for compliance of his obligations in accordance with the terms and conditions of the said NIT.

**OR\*\***

Whereas the Executive Engineer.....(name of division)....., CPWD on behalf of the President of India (hereinafter called “The Government”) has entered into an agreement bearing number.....with.....(name and address of the contractor).....(hereinafter called “ the Contractor”) for execution of work.....(name of work)..... The Government has further agreed to accept an irrevocable Bank Guarantee for Rs.....(Rupees.....only) valid upto.....(Date).....as Performance Guarantee/Security Deposit/Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We,.....(indicate the name of bank).....(hereinafter referred to as “the Bank”), hereby undertake to pay to the Government an amount not exceeding Rs. ....(Rupees.....only) in demand by the Government within 10 days of the demand.
3. We,.....(indicate the name of the Bank).....,do hereby undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due to or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupees.....only)
4. We,.....(indicate the name of the Bank)....., further undertake to pay the Government any money so demanded notwithstanding any dispute or dispute raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee shall be valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We,.....(indicate the name of the Bank)..... Further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms & conditions of the said agreement or to extended time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms & conditions relating to the said

|                     |            |
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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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agreement and we shall not be relieved from our liability by reasons of any such variation or extension being granted to the said contractor or for any forbearance, act of omission on the part of the government or any indulgence by the government to the said contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us

6. We, ..... (indicate the name of the Bank) ....., further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, ..... (indicate the name of the Bank) ....., undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to ..... Unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. ....(Rupees ..... Only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date:.....

Witnesses :

1. Signature .....  
Name and Address

Authorized Signatory  
Name  
Designation  
Staff Code No.  
Bank Seal

2. Signature .....  
Name and Address

\* Date to be worked out on the basis of validity period of 90 Days where only Financial Bids are invited and 180 Days for Two / Three Bid system from the date of submission of tender.

\*\* In Paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for Performance Guarantee/Security Deposit/Mobilization Advance, as the case may be .

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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**Notarized Affidavit of 'Non-black listing' by CPWD/State/Central  
departments/PSU/Autonomous bodies as per Form 'J'**

**FORM 'J'  
AFFIDAVIT**

**NAME OF WORK:** Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar.

I/we undertake and confirm that our firm/partnership firm has not been blacklisted by any state/Central Departments/PSUs/Autonomous bodies during the last 7 years of its operations. Further that, if such an information comes to the notice of the department then I/we shall be debarred for bidding in CPWD in future forever. Also, if such information comes to the notice of department on any day before date of start of work, the Engineer-in-charge shall be free to cancel the agreement and to forfeit the entire amount of Performance Guarantee (Scanned copy of this notarized affidavit to be uploaded at the time of submission of bid)

**NOTE:** Affidavit to be furnished on a 'Non-Judicial' stamp paper worth Rs.100/-

**Signature of Bidder(s) or an authorized  
Officer of the firm with stamp**

**Signature of Notary with seal**

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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## ANNEXURE- II

**GUARANTEE BOND TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS.**

The Agreement made this -----day of.....two thousand and .....between ..... son of .....of .....(hereinafter called the Guarantor of the one part) and the PRESIDENT of INDIA (hereinafter called the Government of the other part).

WHEREAS this agreement is supplementary to a contract (here in after called the contract), dated.....and made between the GUARANTOR of the ONE part and the GOVERNMENT of the other part, whereby the contractor, interalia, undertook to render the buildings and structures in the said contract recited completely water and leak- proof.

AND WHEREAS THE GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof **FOR FIVE** years to be reckoned from the date after the maintenance period prescribed in the contract.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak- proof and the minimum life of such water proofing treatment shall be **FIVE years** to be reckoned from the date after the maintenance period prescribed in the contract:

Provided that the guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose:

- (i) Misuse of roof shall mean any operation which will damage proofing treatment like chopping of firewood and the things of same nature which might cause damage to the roof
- (i) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts.
- (iii) The decision of the Engineer-in-charge with regard to cause of leakage shall be final.

During this period of guarantee the Guarantor shall make good all the defects and in case of any defect being found render the building water proof to the satisfaction of the Engineer-in-charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-charge calling upon him to rectify the defects failing which the work shall be got done by the department by some other contractor at the GUARANTOR'S cost and risk. The decision of the Engineer-in-charge as to the cost payable by the Guarantor shall be final and binding.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

AE(P)

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

IN WITNESS WHEREOF these presents have been executed by the obligor..... and by.....and for and on behalf of the PRESIDENT OF INDIA on the month and year first above written.

Signed, sealed and delivered by (OBLIGOR) in the presence of.

1.

2.

Signed for and on behalf of the PRESIDENT OF INDIA by..... in presence of:

1.

2.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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**Annexure-III****Guarantee To Be Executed By Contractors For Removal Of Defects After Completion In Respect Of Aluminum Doors, Windows, Ventilators Work and Curtain/Structural Glazing work.**

The agreement made this .....day of .....two thousand .....Between.....son of .....(hereinafter called the Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part).

WHEREAS THIS agreement is supplementary to a contract (hereinafter called the Contract) dated.....and made between the GUARANTOR OF THE ONE part and the Government on the other part. Where by the contractor inter alia, undertook to render the work in the said contract recited structurally stable leak proof and sound material, workmanship, anodizing, coloring, sealing.

AND WHEREAS THE GUARANTER agreed to give a guarantee to the effect that the said work will remain structurally stable, leak proof and guaranteed against the faulty material and workmanship defective anodizing coloring and finishing for **two years** to be reckoned from the date after the maintenance period prescribed in the contract.

NOW THE GUARANTOR hereby guarantees that the work executed by him will remain structurally stable leak proof and guaranteed against faulty material and workmanship defective anodizing and coloring for the minimum life of **two years** to be reckoned from the date after the maintenance period prescribed in the contract.

The decision of the Engineer-in-charge with regard to case of defect shall be final.

During the period of guarantee the guarantor shall make good all defects and in case of any defect to the satisfaction of Engineer-in-charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-charge calling upon him to rectify the defects failing which the work shall be got done by department or by some other contractor at guarantors cost and risk. The decision of the Engineer-in-charge as to the cost, payable by the Guarantor shall be final and binding.

That if Guarantor fails to make good all the defects, commits breach there under then the guarantor will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement.

As to the amount of loss and / or damage and / or cost incurred by the Government the decision of the Engineer-in-charge will be final and binding on the parties.

IN WITNESS WHEREOF these present have been executed by the Obligator .....and by.....for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

SIGNED SEALED AND delivered by OBLIGATOR in the presence of:-

- 1.
- 2.

SIGNED FOR AND ON BEHALF OF THE PRESIDENT OF INDIA by..... in presence of:-

- 1.
- 2.

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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## List of Approved Civil Materials

NOTE: Notwithstanding to the approval given in the list, the field staff are requested to observe the following conditions

1. Equivalent material and finishes of any other make may be used on written request of the contractor, in case of unavoidable circumstances and also if it is established that minimum three brands are not specified below or three brands out of all brands specified below are not available in the market, after written approval of the alternate brand by the NIT approving authority. This substitution shall be subject to cost adjustment in case the substituting brand is available at cheaper rates in market than those mentioned herein above. There shall be no cost adjustment if the substituting brand is costlier in market than those mentioned herein.

2. In addition, the brands approved as hereunder, should have valid and active BIS certificate as on the date of supply for the work.

3. Material shall conform to Make in India policy of Government of India as on the date of supply for the work.

4. Other brands not included in the list below but having BIS certificate on the date of supply for the work shall only be allowed against note (1) above.

5. In case of non availability of BIS codes for any of the materials incorporated above, the Engineer-in-charge shall send the materials for testing as per the relevant ASTM or EN codes and satisfy himself before using the same in work.

| Sl.No         | Material Description                                                   | Material            |                                     |
|---------------|------------------------------------------------------------------------|---------------------|-------------------------------------|
|               |                                                                        | Brand               | Make                                |
| SUB HEAD No.2 |                                                                        |                     |                                     |
| EARTH WORK    |                                                                        |                     |                                     |
| 1             | Chloropyriphos                                                         | DURSBANTCT          | DE-NOCIL Ltd.                       |
|               |                                                                        | Premise Agends      | Bayer Ltd                           |
|               |                                                                        | PIRAMID             | AMVAC AGRI RASAYAN Pvt Ltd          |
|               |                                                                        | NOBAN               | Chemtts Wets & Flows Pvt. Ltd       |
|               |                                                                        | HILBAN              | Hidustan Insecticides Ltd.          |
|               |                                                                        | Sarups Pest Control | Sarups Pest Control Ltd             |
| SUB HEAD NO.3 |                                                                        |                     |                                     |
| MORTAR        |                                                                        |                     |                                     |
| 1             | Ordinary Portland Cement (43 grade ) / Portland Pozzolona Cement (PPC) | ACC                 | ACC cements Ltd                     |
|               |                                                                        | Ultra Tech          | Ultra Tech Cement Ltd.              |
|               |                                                                        | Coromandal          | India Cements Ltd.                  |
|               |                                                                        | Chettinadu          | Chettinadu Cements Corporation Ltd. |
|               |                                                                        | Bharathi            | Bharathi Cement Corporation Ltd.    |
|               |                                                                        | Dalmia              | Dalmia Cement Bharat Ltd.           |
|               |                                                                        | JSW                 | JSW Cement Ltd.,                    |
|               |                                                                        | Japee Cement        | Japee Cement Ltd                    |
|               |                                                                        | Maha Cement         | Myhome Industries Pvt Ltd.          |

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|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|               |                             |                                  |                                             |
|---------------|-----------------------------|----------------------------------|---------------------------------------------|
|               |                             | J.K Cement                       | J.K Cement Pvt. Ltd                         |
|               |                             | Ambuja Cement                    | Ambuja Cements Ltd                          |
|               |                             | Penna Cement                     | Penna Cement Industries Ltd.                |
|               |                             | Centuary Cement                  | Birla Gold Cement                           |
|               |                             | Shree Cement                     | Shree Cement                                |
|               |                             | Ramco Cement                     | Ramco Cement Ltd                            |
|               |                             | Emami Cement                     | Emami Cements Ltd                           |
| SUB HEAD NO.4 |                             |                                  |                                             |
| CONCRETE WORK |                             |                                  |                                             |
| 1             | Damp Proof course materials | MAPEI                            | MAPEI Construction Products India Pvt. Ltd. |
|               |                             | Impermo                          | Snowcem Paints                              |
|               |                             | Duraseal                         | Apurva India Pvt. Ltd.                      |
|               |                             | ACCO Proof                       | ACC Cement Ltd.                             |
|               |                             | Dr.Fixit                         | Pidilite Industries                         |
|               |                             | Ferrous crete                    | Ferrous Crete (India) Pvt. Ltd.             |
|               |                             | Fosroc                           | Fosroc Chemicals India Pvt. Ltd.            |
|               |                             | CICO                             | CICO Industries                             |
|               |                             | SIKA                             | Sika India Pvt. Ltd                         |
|               |                             | PIDILITE                         | Pidilite Industries Ltd.                    |
|               |                             | BASF                             | BASF India Ltd                              |
|               |                             | MYK                              | MYK LATICRETE India Pvt.Ltd.                |
|               |                             | Asian Paints smart caredampproof | Asian Paints Ltd                            |
|               |                             | Weather Coat Roof gaurd          | Berger Paints                               |
|               |                             | Polytancreteiwl                  | Sunanda Speciality coatings Pvt.ltd.        |
|               |                             | Wallshield 2K                    | Berger Paints                               |
|               |                             | KCPL                             | Kunal Conchem Pvt Ltd                       |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

| SUB HEAD NO.5            |                                          |                                                       |                                             |
|--------------------------|------------------------------------------|-------------------------------------------------------|---------------------------------------------|
| REINFORCED CONCRETE WORK |                                          |                                                       |                                             |
| 1                        | Low/ Alloy Steel bars<br>Fe-500D/Fe-550D | SAIL                                                  | Steel Authority of India Ltd.               |
|                          |                                          | TISCO                                                 | TATA STEEL Ltd                              |
|                          |                                          | VIZAG                                                 | Rastriya Ispat Nigam Ltd.                   |
|                          |                                          | JSW                                                   | JSW Steel Ltd                               |
| 2                        | Plasticiser & Super<br>Plasticiser       | Contrament, power<br>flow                             | MC Bauchemie (India) Pvt. Ltd.              |
|                          |                                          | Sunanda Chemicals                                     | Sunanda Chemicals Ltd.                      |
|                          |                                          | Plastiment, Sikament                                  | Sika Inida Pvt Ltd.,                        |
|                          |                                          | Conplast SP430                                        | FOSROC India                                |
|                          |                                          | Chryso-HP / Delta /<br>Optima                         | Chryso India Pvt. Ltd.,                     |
|                          |                                          | MYK Schomburg                                         | MYK Arments range of products               |
|                          |                                          | BASF                                                  | BASF India Ltd                              |
|                          |                                          | CICO                                                  | CICO Industries                             |
|                          |                                          | Smart Care Techno<br>Plast/Smart Care<br>Maximo Plast | Asian Paints Ltd                            |
|                          |                                          | Endura                                                | H.R. Jhonsons                               |
|                          |                                          | KCPL                                                  | Kunal ConchemPvt. Ltd.,                     |
| 3                        | Expansion Joint<br>Bitumen board         | Dura board HD100                                      | Supreme Industries                          |
|                          |                                          | DURAFILL                                              | Supreme Industries                          |
|                          |                                          | STP Shatilex                                          | Shalimar Tar Products                       |
| 4                        | Grout                                    | Ardex                                                 | Ardex Endura Adhesive India Pvt.<br>Ltd     |
|                          |                                          | LATA POXY                                             | MYK LATICRETE India Pvt. Ltd                |
|                          |                                          | Fugabella, Porcelana                                  | Kerakoll India Pvt. Ltd.                    |
|                          |                                          | Dr.Fixit                                              | Pidilite Industries                         |
|                          |                                          | Weber                                                 | Saint-GobinIndiaPvt. Ltd                    |
|                          |                                          | Ferrous crete                                         | Ferrous Crete (India) Pvt. Ltd.             |
|                          |                                          | BASF                                                  | BASF India Ltd                              |
|                          |                                          | FosrocGP2                                             | Fosroc India Ltd                            |
|                          |                                          | MYK Schomburg                                         | MYK Arments range of products               |
|                          |                                          | Fugabella, Porcelana                                  | KerakollIndiaPvt. Ltd                       |
|                          |                                          | Kerapoxy                                              | MAPEI Construction Products<br>India P Ltd. |
|                          |                                          | KCPL                                                  | Kunal ConchemPvt. Ltd.,                     |
|                          |                                          | Asian paints                                          | Smart Care SC GP Grout Grey                 |
|                          |                                          | Pidilite                                              | Pidilite Industries Ltd.                    |
|                          |                                          | Care                                                  | Care                                        |
|                          |                                          | Mapectfill GPIN                                       | MAPEI Construction Products<br>India P Ltd. |
|                          |                                          | SIKA                                                  | SIKA India                                  |
|                          |                                          | Smart Care SC GP<br>Grout Grey                        | Asian Paints                                |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|                 |                                                                                                        |                                                                       |                                                  |
|-----------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------|
|                 |                                                                                                        | Homeshield Supergrout                                                 | Berger Paints                                    |
| 5               | Ready Mix Concrete                                                                                     | Ultra Tech                                                            | Ultra Tech Concrete                              |
|                 |                                                                                                        | ACC                                                                   | ACC Ltd                                          |
|                 |                                                                                                        | RMC (India)                                                           | RMC (India) Pvt. Ltd.                            |
|                 |                                                                                                        | Lafarge                                                               | Lafarge India Pvt. Ltd                           |
| 6               | Mechanical coupler for Reinforcement                                                                   | Dextra                                                                | Dextra India Pvt., Ltd.                          |
|                 |                                                                                                        | Sanfield                                                              | Sanfield India Ltd                               |
| 7               | Modular expansion Joint                                                                                | Hercules<br>MNR<br>Sonfield India Ltd<br>vexcolt<br>Pennacle Soutions | VR Engineerings                                  |
| SUB HEAD NO.9   |                                                                                                        |                                                                       |                                                  |
| WOOD & PVC WORK |                                                                                                        |                                                                       |                                                  |
| 1               | Wooden Flush door shutters                                                                             | Jayna ply                                                             | Jain Wood Industries                             |
|                 |                                                                                                        | Raavella door                                                         | Raavella Industrials (P) Ltd                     |
|                 |                                                                                                        | Kailash                                                               | Kailash Hi tech Timber Industries India Pvt. Ltd |
|                 |                                                                                                        | Shakthi                                                               | Shree Shakthi Modern Flush doors                 |
|                 |                                                                                                        | Greenlam                                                              | Greenlam Industries                              |
|                 |                                                                                                        | Mayur                                                                 | Mayur Plywood                                    |
|                 |                                                                                                        | MP Ply wood products                                                  | MP Wood products                                 |
|                 |                                                                                                        | Archidply                                                             | Archidply Industries Ltd                         |
|                 |                                                                                                        | DEC                                                                   | D.E.C Infrastructure & Project (India) Pvt.Ltd.  |
|                 |                                                                                                        | Greenpanel                                                            | Greenpanel Industries Ltd.                       |
|                 |                                                                                                        | Jain Doors                                                            | Jain Doors Pvt. Ltd,                             |
|                 |                                                                                                        | Indian Timber Products                                                | Indian Timber Products                           |
|                 |                                                                                                        | Kitply                                                                | Kitply Industries Ltd.                           |
|                 |                                                                                                        | DuroFlushdoors                                                        | Duro Ply Industries Ltd.                         |
|                 |                                                                                                        | Kenwood                                                               | Kenwood Ply & Board                              |
|                 |                                                                                                        | Century                                                               | Century Flush Doors                              |
| 2               | Water Proof Plywood, Commercial ply, Fire retardant ply and Block boards, BWR Marine Ply, BWR/ MR Ply. | Jayna ply                                                             | Jain Wood Industries                             |
|                 |                                                                                                        | Greenpanel                                                            | Greenpanel Industries Ltd.                       |
|                 |                                                                                                        | Archidply                                                             | Archidply Industries Ltd                         |
|                 |                                                                                                        | Kitply                                                                | Kitply Industries Ltd.                           |
|                 |                                                                                                        | Duroply                                                               | Duro ply Industries Ltd.,                        |
|                 |                                                                                                        | Century ply                                                           | Century Flush Doors                              |
|                 |                                                                                                        | Wuudply                                                               | M/s Prime Veneers Ltd.                           |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|   |                                                                                            |                    |                                       |
|---|--------------------------------------------------------------------------------------------|--------------------|---------------------------------------|
| 3 | Laminates                                                                                  | Green Lam          | Green lam Industries Ltd.             |
|   |                                                                                            | Centuary           | Centuray laminates                    |
|   |                                                                                            | Merino             | Merino laminates                      |
|   |                                                                                            | Royal touche       | Royal touche laminates                |
|   |                                                                                            | Kitmica            | Kitply Industries Ltd.                |
|   |                                                                                            | Formica            | Formica Laminates (India) Pvt Ltd.    |
|   |                                                                                            | Heritage           | Deco Mica Limited, Ahmedabad          |
|   |                                                                                            | Decolam            | Decolam India Pvt Ltd.                |
|   |                                                                                            | Archidply          | Archidply Industries Ltd              |
|   |                                                                                            | Sonear             | Sonear Laminates                      |
|   |                                                                                            | Sunmica            | Sunmica Industries                    |
|   |                                                                                            | Vidya Ply          | Vidya Ply & Board Pvt.Ltd.            |
| 4 | Prelaminated particle board MDF (Exterior Grade)                                           | Novapan            | GVK Novapan Industries Pvt Ltd.,      |
|   |                                                                                            | Merino             | Marino laminates                      |
|   |                                                                                            | Kitlam             | Kit Ply Industries Ltd,               |
|   |                                                                                            | Ecoboard           | Ecoboard Industries Ltd.              |
|   |                                                                                            | Associate          | Associate Décor Limited               |
|   |                                                                                            | Archid ply         | Archid ply industries Ltd.            |
|   |                                                                                            | TESA               | Balaji Action Buildwell               |
|   |                                                                                            | Centuary           | Centuary MDF                          |
|   |                                                                                            | Green lam          | Green lam industries Ltd.             |
|   |                                                                                            | Heritage           | Deco Mica Limited, Ahmedabad          |
|   |                                                                                            | Greenpanel         | Greenpanel Industries Ltd.            |
| 5 | Veenering                                                                                  | Greenpanel         | Greenpanel Industries Ltd.            |
|   |                                                                                            | Centuary           | Centuary MDF                          |
| 6 | FRP Door Frames & Shutter                                                                  | Jain Doors         | Jain Doors Pvt. Ltd,                  |
|   |                                                                                            | Signum             | Signum Fire Protection India Pvt. Ltd |
|   |                                                                                            | Meena Fibre Glass, | Meena Fibre Glass                     |
|   |                                                                                            | Duroplast          | Duroplast extrusion Pvt Ltd           |
|   |                                                                                            | Cactus             | Cactus                                |
|   |                                                                                            | Polyline           | Polyline                              |
| 7 | Factory made panel door shutter, 2.Factory made wire mesh door shutters 3.LVL door shutter | Jain doors         | Jain doors Pvt Ltd                    |
| 8 | High Density (HDF) Prelaminated board                                                      | Pergo              | Red Floor India                       |
|   |                                                                                            | Armstrong          | Armstrong world Industries            |
|   |                                                                                            | Green ply          | Green ply Industries Ltd.,            |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|    |                                          |                     |                                   |
|----|------------------------------------------|---------------------|-----------------------------------|
| 9  | Gypsum board                             | Gyproc Saint Gobain | Saint Gobain Gyproc India Ltd     |
|    |                                          | Lafarge             | Lafarge Gypsum India Pvt Ltd      |
|    |                                          | USG Boral Board     | USG Boral Board India (P) Ltd     |
|    |                                          | Armstrong           | Armstrong wold Industries         |
| 10 | Glass Door Hardware                      | Dorma               | Dorma India Pvt Ltd               |
|    |                                          | Kich                | Kich Architectural Products Ltd.  |
|    |                                          | Classic             | Classic hardware                  |
|    |                                          | Hafele              | Hafele India Pvt. Ltd             |
|    |                                          | Ozone               | Ozone Hardware.                   |
|    |                                          | Geze                | Geze GMBH                         |
|    |                                          | Define              | Define Overseas Pvt. Ltd.         |
|    |                                          | Squash              | Squash glass doors                |
|    |                                          | Dorset              | Dorset Industries Pvt Ltd         |
|    |                                          | Garg                | D P Garg Pvt Ltd                  |
| 11 | Hydraulic door closers/<br>Floor springs | Godrej              | Godrej locking solution & systems |
|    |                                          | Hardwyn             | Hardwyn hardware                  |
|    |                                          | Dorma               | Dorma India Pvt Ltd.              |
|    |                                          | Everite             | Everite agencies                  |
|    |                                          | MAGNUM KIT          | Mukund Overseas                   |
|    |                                          | Dorset              | Dorset Industries Pvt Ltd         |
|    |                                          | Geze                | GezeGMBH                          |
|    |                                          | Garg                | D P Garg Pvt Ltd                  |
|    |                                          | Ingersolrand        | Ingersolrand India Pvt Ltd        |
|    |                                          | OZONE               | Ozone Hardware.                   |
| 12 | Locks & Latches                          | Dorset              | Dorset Industries Pvt Ltd         |
|    |                                          | Godrej              | Godrej locking solutions& systems |
|    |                                          | Harrison            | Harrison locks                    |
|    |                                          | Plaza               | Bharat lock House                 |
|    |                                          | Yale                | ASSA ABLOY India (P) Ltd.         |
|    |                                          | Hitech              | Globe Locks India                 |
|    |                                          | Hafele              | Hafele India Pvt. Ltd             |
|    |                                          | Link                | Link Locks                        |
|    |                                          | Geze                | GezeGMBH                          |
|    |                                          | Garg                | D.P. Garg Pvt Ltd.,               |
|    |                                          | Hardonite,          | Hardonite                         |
|    |                                          | FOSROC              | Fosroc India                      |
|    |                                          | SIKA                | SIKa India                        |
|    |                                          | BASF                | BASF India Ltd.,                  |
|    |                                          | CICO,               | CICO Technologies Ltd.,           |
|    |                                          | Pidilite            | PidiliteIndustries Ltd,           |
| 13 | Stainless steel screws                   | Kundan              | Kundan Industries Ltd.            |
|    |                                          | Pooja               | Pooja SteelCorporation            |

|                     |            |
|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|    |                                       |                   |                                          |
|----|---------------------------------------|-------------------|------------------------------------------|
|    |                                       | Atul              | Atul fasteners Ltd.                      |
|    |                                       | Alloy             | Alloy ltd                                |
|    |                                       | GKW               | GKW Limited                              |
|    |                                       | Nettlefold        | Nettlefold screws                        |
| 14 | Butt Hinges openable window shutters  | Hafela            | Hafele India Pvt. Ltd                    |
|    |                                       | Alu Alpha         | Alu Alpha India                          |
|    |                                       | Earlt Bihari      | EarltBihari India Pvt .Ltd.              |
|    |                                       | Dorma             | DormakabaIndiaPvt. Ltd                   |
|    |                                       | Garg              | D.P. Garg Pvt Ltd.,                      |
|    |                                       | Dorset            | Dorset Industries Pvt Ltd                |
| 15 | Mild Steel Butt Hinges / Piano hinges | Jolly             | Jolly Engineering works                  |
|    |                                       | Garg              | D.P Garg& Company                        |
|    |                                       | Amit              | Lovely metal industries Pvt Ltd.         |
|    |                                       | Jyoti             | Jyoti Architectural Pvt Ltd.             |
|    |                                       | Supreme           | Supreme                                  |
|    |                                       | Saswat            | Saswat                                   |
|    |                                       | Deepak            | Deepak                                   |
|    |                                       | Swift             | Swift screws                             |
| 16 | Stainless steel Butt hinges           | Prayag            | PrayagPolymers (P) Ltd                   |
|    |                                       | Ozone             | Ozone Hardware.                          |
|    |                                       | Dorma             | Dormakaba India Pvt Ltd                  |
|    |                                       | Geze              | GEZEGMBH                                 |
| 17 | Concealed tower bolt                  | Dorma             | Dorma India Pvt Ltd                      |
|    |                                       | Ingersolrand      | Ingersolrand (India) Ltd,                |
|    |                                       | Alu Alpha         | Alu Alpha India                          |
|    |                                       | Garg              | D.P. Garg Pvt Ltd.,                      |
|    |                                       | DORSET            | Dorset Industries Pvt Ltd                |
| 18 | UPVC doors, frames and window profile | QUTE              | QuteextrusionPvt. Ltd                    |
|    |                                       | Kommerling        | Profine India Window technology Pvt Ltd. |
|    |                                       | Duroplast         | Duroplast extrusion Pvt Ltd              |
|    |                                       | Polyline          | Polyline extrusion Pvt Ltd               |
|    |                                       | NCL VEKA          | NCL VEKA Ltd.                            |
|    |                                       | Prominace         | Prominace Window Systems                 |
|    |                                       | Marcolini         | Mathura Polypack(P) Ltd.                 |
|    |                                       | Akshara Polymerss | Akshara Polymerss                        |
|    |                                       | Encraft           | Encraft India Pvt.Ltd.                   |
|    |                                       | Rehau             | Rehau Unlimited Polymer Solutions        |
| 19 | Stainless friction hinges             | Hetich            | HetichIndia Pvt .Ltd.                    |
|    |                                       | Haffle            | Haffle India Pvt .Ltd.                   |
|    |                                       | Securistyle       | Securistyle India Pvt .Ltd.              |
|    |                                       | Earl Bihari       | Earl Bihari India Pvt .Ltd.              |
|    |                                       | ROTO              | ROTO Frank Asia                          |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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|------------|----------------------------------------|---------------|--------------------------------------------|
|            |                                        | EBCO          | EBCO                                       |
| 20         | Float Glass                            | Saint Gobain, | Saint Gobain India Pvt .Ltd. ,             |
|            |                                        | Asahi         | Asahi India glass .Ltd.                    |
|            |                                        | Pilkinton     | Pilkinton India Pvt .Ltd.                  |
|            |                                        | Modiguard     | Gujarat Guardian Ltd.                      |
| 21         | Anchor/ SS Stone Dash fasteners        | Hilti         | Hilti India Pvt .Ltd.                      |
|            |                                        | Fischer       | Fischer India                              |
|            |                                        | Anchor        | Anchor Ltd                                 |
|            |                                        | Kundan        | Kundan Industires Ltd.                     |
|            |                                        | Nutech        | Nutech Construction Chemicals              |
|            |                                        | Canon         | Cannon                                     |
|            |                                        | Wurth         | Wuerth India Pvt. Ltd                      |
|            |                                        | Trixel        | Axel India Pvt.Ltd                         |
|            |                                        | Helfen        | Helfen Anchoring System                    |
|            |                                        | BOSCH         | BOSCH Ltd                                  |
| 22         | Partions                               | Birla Aerocon | HIL Ltd (CK Birla Groups)                  |
| STEEL WORK |                                        |               |                                            |
| 1          | Structural Steel                       | SAIL          | SAIL                                       |
|            |                                        | TISCO         | TATA STEEL                                 |
|            |                                        | VIZAG         | RINL                                       |
|            |                                        | JSW           | JSW                                        |
|            |                                        | Apollo        | APL Apollo                                 |
| 2          | M.S.Pipes / Tubes and Hollow sections. | SAIL          | SAIL                                       |
|            |                                        | TISCO         | TATA STEEL                                 |
|            |                                        | METPRO        | MKK Matel Section Pvt. Ltd.                |
|            |                                        | R.K. Steel    | R.K. Steel Manufacturing CompnayPvt. Ltd., |
|            |                                        | Apollo        | APL Apollo                                 |
|            |                                        | Kalinga       | Kalinga Tubes                              |
|            |                                        | JINDAL        | JSW                                        |
|            |                                        | Nezone        | Nezone Tubes Limited                       |
| 3          | Stainless steel pipes / sections       | Salem         | SAIL                                       |
|            |                                        | Jindal        | JSW                                        |
|            |                                        | SAIL          | SAIL                                       |
|            |                                        | KINGSTON      | KINGSTON Brass                             |
|            |                                        | Connect       | Connect ltd.                               |
|            |                                        | Ark           | Ark Product Pvt. Ltd                       |
| 4          | Stainless steel Bolts, washers, nuts   | Kundan        | Kundan Industires Ltd                      |
|            |                                        | Pooja         | Pooja Steel Corpporation                   |
|            |                                        | Atul          | Atul fasterners Ltd                        |
|            |                                        | Hilti         | Hilti India Pvt. Ltd                       |
| 5          | Stainless steel pressure               | Kundan        | Kundan Industires Ltd                      |

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| <b>Overwritings</b> | <b>NIL</b> |

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|----------------|---------------------------------------------|-------------------|-----------------------------------------|
|                | plate screws                                | Pooja             | Pooja steel corporation                 |
|                |                                             | Atul              | Atul fasteners Ltd                      |
| 6              | Welding rods                                | Advani            | Advani oerlikon Ltd.                    |
|                |                                             | ESAB              | ESAB India Pvt. Ltd                     |
| 7              | Steel Windows/Pressed Steel Frames          | Madhu Industries, | Madhu Industries, San Harvic, NCL       |
|                |                                             | San Harvic,       | San Harvic                              |
|                |                                             | NCL               | NCL Industries                          |
| 8              | M S Precision Tubes (cold seamless pipes)   | R K Steel         | R K Steel Manufacturing Compnay Pvt Ltd |
| SUB HEAD No.11 |                                             |                   |                                         |
| FLOORING       |                                             |                   |                                         |
| 1              | Vitrified tiles & Bath room anti-skid tiles | Asian (AGL)       | Asian Granite India Ltd                 |
|                |                                             | NITCO             | NITCO Ltd                               |
|                |                                             | RAK               | RAK Ceramic IndiaPvt Ltd.               |
|                |                                             | Kajaria           | Kajaria Ceramic Ltd                     |
|                |                                             | Somany            | Somany Ceramic Ltd                      |
|                |                                             | Jhonson           | Prism Jhonson Ltd                       |
|                |                                             | Orient Bell       | Orient Bell Ltd                         |
|                |                                             | Varmora Granito   | Varmora Granito Granite Ptd Ltd         |
|                |                                             | Naveen            | Murudeshwar Ceramics Ltd.,              |
|                |                                             | Anuj              | Aravid Ceramic Industries Ltd           |
| 2              | Glazed Wall Ceramic Tiles                   | Asian (AGL)       | Asian Granite India Ltd                 |
|                |                                             | NITCO             | NITCO Ltd                               |
|                |                                             | RAK               | RAK Ceramic IndiaPvt Ltd.               |
|                |                                             | Kajaria           | Kajaria Ceramic Ltd                     |
|                |                                             | Somany            | Somany Ceramic Ltd                      |
|                |                                             | Jhonson           | Prism Jhonson Ltd                       |
|                |                                             | Orient Bell       | Orient Bell Ltd                         |
|                |                                             | Varmora Granito   | Varmora Granito Granite Ptd Ltd         |
|                |                                             | Naveen            | Murudeshwar Ceramics Ltd.,              |
|                |                                             | Anuj              | Aravid Ceramic Industries Ltd           |
| 3              | Cement concrete parking tiles               | NITCO             | NITCO Ltd                               |
|                |                                             | Eurocon           | Eurocon tiles India                     |
|                |                                             | Dazzle            | Dazzle Designer tiles Pvt Ltd           |
|                |                                             | Ultra             | Ultra tile private Ltd.                 |
|                |                                             | Anuj              | Aravid Ceramic Industries Limited,      |
|                |                                             | Hindustan tiles   | Hindustan tiles, Ranchi Pune            |
|                |                                             | Poddar            | Paddar Udyog                            |
|                |                                             | Asttra            | Asttra tile and pavers company          |
|                |                                             | NTC               | NTC parking tiles                       |
| 4              | False flooring                              | Hewetson          | Hewetson India                          |
|                |                                             | Unifloor          | Unifloor Inida Ltd                      |

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| <b>Overwritings</b> | <b>NIL</b> |

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|-------------------------|---------------------------------------------------------------------------------|---------------------|--------------------------------|
|                         |                                                                                 | Unitile             | Unitile Office system Pvt Ltd  |
|                         |                                                                                 | Kebao               | Inner Space (Distributors)     |
|                         |                                                                                 | Access floor system | Access Floor System            |
|                         |                                                                                 | PINNACLE            | PINNACLE                       |
|                         |                                                                                 | Birla               | Birla Corportion Ltd.          |
|                         |                                                                                 | JK White            | JK Cement ltd.                 |
| SUB /HEAD No.12 ROOFING |                                                                                 |                     |                                |
| 1                       | UPVC Pipes and fittings<br>(Rain water pipes)                                   | Supreme             | Superme Industries Ltd.        |
|                         |                                                                                 | Prince              | Prince pipes and fittings Ltd. |
|                         |                                                                                 | Finolex             | Finolex Industries Ltd.        |
|                         |                                                                                 | Astral              | Astral polytechnik Ltd.        |
|                         |                                                                                 | Vectus              | Vectus                         |
|                         |                                                                                 | Prayag              | Prayag Polimers (P) Ltd        |
|                         |                                                                                 | Flow Guard          | Flow Guard                     |
|                         |                                                                                 | Truflow             | HSIL Ltd of Hindware           |
|                         |                                                                                 | Ashirwad            | Ashirwad PVC Pipes             |
| .                       | Polycorbanate roof sheets                                                       | Danapal             | Danapal Light Architecture     |
|                         |                                                                                 | Alcox               | Hindeggan Alcox Ltd            |
|                         |                                                                                 | Polygal             | Polygal India Pvt Ltd          |
|                         |                                                                                 | MG Polyplast        | MG Polyplas                    |
|                         |                                                                                 | GE Lexon            | GE Silicones                   |
| 3                       | Calciumsilicate tiles                                                           | Aerolite            | Andhra Polimers Pvt Ltd        |
|                         | False Ceilings                                                                  | Anutone             | Anutone Accoustics Ltd         |
|                         |                                                                                 | Armstrong           | Armstrong World Industries     |
|                         |                                                                                 | Ramco Hilux         | Ramco Industries Ltd           |
|                         |                                                                                 | Knauf               | Knauf Gypsum India Pvt Ltd     |
|                         |                                                                                 | Himalyan Acoustics  | Himalyan Acoustics             |
|                         |                                                                                 | Saint Gobain Gyproc | Saint Gobain Gyproc India      |
|                         |                                                                                 | Gridsquare          | Gridsquare Ceilings            |
|                         |                                                                                 | USG Boral           | USG Boral                      |
|                         |                                                                                 | Hunter Dougals      | Hunter Dougals                 |
| 4                       | False ceiling members<br>(Perimeter, ceiling section, intermediates angles etc) | Armstrong           | Armstrong World Industries     |
|                         |                                                                                 | Gypframe steel      | British Gypsum                 |
|                         |                                                                                 | Knauf               | Knauf Gypsum India Pvt Ltd     |

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|                     |                                                         | Saint Gobain                          | Saint Gobain Gyproc                |
|                     |                                                         | Aerolite                              | Andhra Polimers Pvt Ltd            |
|                     |                                                         | Gridsquare                            | Gridsquare Ceilings                |
|                     |                                                         | Hunter Dougals                        | Hunter Dougals                     |
| 5                   | Galvolume sheet for roofing, cladding, sandwhitch panel | Lloyd Metel Craft                     | Lloyd Insulation (India ) Ltd      |
|                     |                                                         | Tata Blue Scope                       | Tata Bluescope                     |
|                     |                                                         | Bhushan                               | Bhushan steel                      |
|                     |                                                         | JSW                                   | JSW                                |
|                     |                                                         | ESSAR                                 | Essar Group                        |
| 6                   | Heat Resistant tiles                                    | Hindustan                             | Hindustan Tiles                    |
|                     |                                                         | Endura                                | Johnson                            |
|                     |                                                         | Rocotile                              | Rocotile                           |
| SUB HEAD No.13 & 14 |                                                         |                                       |                                    |
| FINISHING           |                                                         |                                       |                                    |
| 1                   | Synthetic enamel Paint                                  | Premium gloss enamel                  | Asian paint Ltd                    |
|                     |                                                         | Dulex                                 | ICI dulex Ltd                      |
|                     |                                                         | Nerolac                               | NerolacPaints Ltd                  |
|                     |                                                         | Berger                                | Berger Paints                      |
|                     |                                                         | Nippon                                | Nippon Paint India Ltd.            |
|                     |                                                         | Surfa Coats                           | Surfa coats Pvt Ltd                |
| 2                   | Pink primer                                             | Wood primer                           | Asian paint                        |
|                     |                                                         | Dulex                                 | ICI dulex                          |
|                     |                                                         | Nerolac                               | Nerolac KansiaNerolac Paints Ltd., |
|                     |                                                         | Berger                                | Berger Paints                      |
|                     |                                                         | Nippon                                | Nippon                             |
| 3                   | Red Oxide Zinc Chromate primer                          | High performance yellow metal primer  | Asian paint                        |
|                     |                                                         | Dulex                                 | ICI dulex                          |
|                     |                                                         | Nerolac                               | Neroloc Paints Ltd                 |
|                     |                                                         | Berger                                | Berger Paints                      |
|                     |                                                         | Nippon                                | Nippon                             |
| 4                   | Oil Bound Distemper                                     | Tractor Aqalock                       | Asian paint                        |
|                     |                                                         | Dulex                                 | ICI dulex                          |
|                     |                                                         | Nerolac                               | Neroloc Paints Ltd                 |
|                     |                                                         | Berger                                | Berger Paints                      |
|                     |                                                         | Nippon                                | Nippon                             |
|                     |                                                         | mG Polyplast                          | Neroloc Paints Ltd                 |
| 5                   | Premium acrylic emulsion paint                          | Royale Luxury Emulsion of Asian Paint | Asian paint                        |
|                     |                                                         | Velvet Touch                          | ICI dulex                          |
|                     |                                                         | Nerolac Impression 24 Carat           | Neroloc Paints Ltd                 |
|                     |                                                         | Silk                                  | Berger                             |
| 6                   | Water Proof Cement paint                                | Asian exterial wall primer            | Asian paint                        |

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|    |                                                              | Berger                            | Berger Paints                      |
|    |                                                              | Cem Colour                        | Snowcem Paints                     |
|    |                                                              | Surfa                             | Surfacos (India) Pvt Ltd           |
|    |                                                              | ICI DULUX                         | ICI DULUX                          |
|    |                                                              | Snowcem                           | Snowcem India                      |
| 7  | Acrylic smooth exterior paint                                | ACE / Apex                        | Asian paint                        |
|    |                                                              | Dulex                             | ICI dulex                          |
|    |                                                              | Nerolac                           | Neroloc Paints Ltd                 |
|    |                                                              | Berger                            | Berger                             |
|    |                                                              | Nippon                            | Nippon                             |
|    |                                                              | Surfa Coats                       | Surfa coats Pvt Ltd                |
| 8  | Premium Acrylic smooth exterior paint with silicon additives | Apex Ultima of Asian Paint        | Asian paint                        |
|    |                                                              | Weather shield max of Dulux       | ICI dulex                          |
|    |                                                              | Excel top guard of kansai Nerolac | Neroloc Paints Ltd                 |
|    |                                                              | Weather coat long life 10         | Berger                             |
|    |                                                              | Nippon Weather bond Advance       | Nippon                             |
|    |                                                              | Snowcryl                          | Snowcem India                      |
| 9  | Cement based wall putty                                      | J.K.wall putty                    | J.K. Cement Ltd.                   |
|    |                                                              | Birla wall care                   | Birla Cements Ltd.,                |
|    |                                                              | Asian paints                      | Asian paints Ltd                   |
|    |                                                              | Altek                             | NCL Alltek&seccold Ltd.            |
|    |                                                              | Birla Hil                         | HIL Ltd (CK Birla Group)           |
|    |                                                              | Berger                            | Berger                             |
| 10 | Melamine Polish                                              | Melamine Gold                     | Asian paints                       |
|    |                                                              | Polycure                          | Polycuremalaysia                   |
|    |                                                              | wudfin                            | Pidilite industries                |
|    |                                                              | Hilti                             | Hilti India                        |
|    |                                                              | Dulex Paints                      | AKZONOBEL INDIA LTD (Dulex Paints) |
| 11 | Anticorrosive bitumastic paint                               | Berger                            | Berger paints India Ltd.           |
|    |                                                              | Shalimar                          | Shalimar paints India Ltd.         |
|    |                                                              | IS 158 bituminous black           | Asian Paints                       |
| 12 | Cement Primer                                                | Asian paints                      | Asian paints                       |
|    |                                                              | JK Primaxx                        | JK Cement Ltd.                     |
|    |                                                              | Berger                            | Berger paints India Ltd.           |

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| 13                     | Epoxy Paint                     | Berger                 | Berger paints India Ltd.                 |
|                        |                                 | Shalimar               | Shalimar paints                          |
|                        |                                 | Asian Epoxy            | Asian Paints                             |
|                        |                                 | STP Ltd.               | Shalimar Tar Products                    |
|                        |                                 | Ardex Endura           | Ardex Endura India Pvt. Ltd.             |
|                        |                                 | Mapecoat L24           | MAPEI Construction Products India P Ltd. |
|                        |                                 | Nerolac                | Neroloc Paints Ltd                       |
|                        |                                 | Sun Epoxy Paint        | Sunanda Speciality Coatings Pvt,Ltd      |
| 14                     | Epoxy Coating                   | Fosroc                 | Fosroc India                             |
|                        |                                 | Laticrete              | MYK Laticrete India                      |
|                        |                                 | BASF                   | BASF India Ltd                           |
|                        |                                 | Ardex Endura           | Ardex Endura India Pvt. Ltd.             |
|                        |                                 | Mapecoat DW25          | MAPEI Construction Products India P Ltd. |
|                        |                                 | Ferrous Crete          | Ferrous Crete (India) Pvt. Ltd.          |
|                        |                                 | Sun Epoxy Paint        | Sunanda Speciality Coatings Pvt,Ltd      |
| SUB HEAD No.17         |                                 |                        |                                          |
| SANITARY INSTALLATIONS |                                 |                        |                                          |
| 1                      | Mirrors                         | Modi Guard             | Gujarat Guardian Ltd.                    |
|                        |                                 | Saint Gobain           | Saint Gobain Glass India Ltd.,           |
|                        |                                 | AIS mirror             | Asahi India glass Ltd,                   |
|                        |                                 | Atul                   | Atul glass Industries Ltd.,              |
|                        |                                 | CERA                   | CERA Sanitaryware Ltd.,                  |
| 2                      | Vitreous Commodes/<br>Washbasin | Hindware               | HSIL Ltd,                                |
|                        |                                 | Roca                   | ROCA Bath room products                  |
|                        |                                 | Parryware              | ROCA BathPvt. Ltd.,                      |
|                        |                                 | Kohler                 | Kohler world wide                        |
|                        |                                 | Somany                 | Somany Ceramic Ltd,                      |
|                        |                                 | Golf Ceramics (Prayag) | Golf Ceramics Ltd                        |
|                        |                                 | NEYCER                 | NEYCER India Ltd.,                       |
|                        |                                 | CERA                   | CERA Sanitaryware Ltd.,                  |
|                        |                                 | Rak Ceramics           | Rak Ceramics India Pvt. Ltd              |
|                        |                                 | Jaquar                 | Jaquar Group                             |
|                        |                                 | Bathsense              | Asian paints                             |
| 3                      | Flushing Cistern with<br>EWC/WC | Parryware              | ROCA Bath Pvt. Ltd.,                     |
|                        |                                 | Shakti                 | Shakti Enterprises                       |
|                        |                                 | Hindware               | HSIL Ltd,                                |
|                        |                                 | Rak Ceramics           | Rak Ceramics India Pvt. Ltd              |
|                        |                                 | CERA                   | CERA Sanitaryware Ltd.,                  |
|                        |                                 | Kohler                 | Kohler world wide                        |
|                        |                                 | Jaquar                 | Jaquar Group                             |
|                        |                                 | Bathsense/TECE         | Asian paints Ltd                         |

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| 4 | Urinals                                                         | Parryware               | ROCA Bath Pvt. Ltd.,                      |
|   |                                                                 | Shakti                  | Shakti Enterprises                        |
|   |                                                                 | Hindware                | HSIL Ltd,                                 |
|   |                                                                 | CERA                    | CERA Sanitaryware Ltd.,                   |
|   |                                                                 | Rak Ceramics            | Rak Ceramics India Pvt. Ltd               |
| 5 | SWR / UPVC Pipes & fittings                                     | Supreme                 | SupermeIndustires Ltd.                    |
|   |                                                                 | Astral                  | Astral polytechnik Ltd.                   |
|   |                                                                 | Finolex                 | Finolex Industries Ltd.,                  |
|   |                                                                 | Ajay                    | Ajay Industries Ltd.                      |
|   |                                                                 | Vectus                  | Vectus Industries Ltd.,                   |
|   |                                                                 | Prince                  | Prince Pipes and fittings                 |
|   |                                                                 | Prayag                  | Prayag polymers Pvt Ltd.,                 |
|   |                                                                 | Sentini                 | Sentini Flopipes, India Private Ltd.      |
|   |                                                                 | Birla Hil               | HIL Ltd (CK Birla Group)                  |
|   |                                                                 | Astral                  | Astral Poly Technik Limited,              |
|   |                                                                 | Flowgard                | Ashirwad PVC Pipes                        |
|   |                                                                 | Truflow                 | HSIL Ltd of Hindware                      |
| 6 | Stainless Steel Kitchen sink                                    | Nirali                  | Jyoti (India) matel Industries Pvt Ltd.   |
|   |                                                                 | Hindware                | HSIL Ltd                                  |
|   |                                                                 | Futura                  | Futura Kitchen Sinks India Pvt. Ltd.      |
|   |                                                                 | CERA                    | CERA Sanitaryware Ltd.,                   |
|   |                                                                 | Nilkanth                | Nilkant                                   |
|   |                                                                 | Joyna                   | Joyna                                     |
|   |                                                                 | Franke                  | Franke India Ltd.                         |
| 7 | Sensor Based Auto flush Systems                                 | AOS Systems,            | AOS Systems                               |
|   |                                                                 | TOTO                    | TOTO Ltd                                  |
|   |                                                                 | Parryware,              | Parryware                                 |
|   |                                                                 | Hindware,               | HSIL Ltd                                  |
|   |                                                                 | Grohe,                  | Grohe                                     |
|   |                                                                 | Jaquar                  | Jaquar Group                              |
|   |                                                                 | Kochier                 | Kochier                                   |
| 8 | Centrifugally Caste (Spun) Iron Soil waste, Pipes and fittings. | Neco                    | JayaswalNeco Ltd                          |
|   |                                                                 | RPMF                    | Raj Pattern Makers and Founders Pvt. Ltd. |
|   |                                                                 | SKF brand               | SKF Industries                            |
|   |                                                                 | HEPCO                   | Hepco                                     |
|   |                                                                 | Bengal Iron Corporation | Bengal Iron Corporation                   |
|   |                                                                 | HIF                     | M/s.Babulal Bajaj Iron Foundry            |

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|----|-----------------------------------------------------------------------------|-----------------------|-----------------------------------|
| 6  | Water supply fixtures like bibcock, Shower panels<br>CP Brass fixtures like | Jaquar                | Jaquar Group                      |
|    |                                                                             | Parryware             | Roca bath room products Pvt. Ltd, |
|    |                                                                             | Metro                 | Metro sanitationsPvt. Ltd.,       |
|    | bibcock, angle cock ,<br>Piler Cock, mixtures,<br>Showers etc.,             | Waterman              | Kewal brothers                    |
|    |                                                                             | Seiko                 | Seiko Sanitations                 |
|    |                                                                             | Prayag                | Prayag polymers Pvt Ltd.,         |
|    |                                                                             | Kingston              | Kingston brass India              |
|    |                                                                             | Johnson               | Prism Jhonson Ltd                 |
|    |                                                                             | CERA                  | CERA Sanitaryware Ltd.,           |
|    |                                                                             | MARC                  | MARK Showers                      |
|    |                                                                             | HINDWare              | HSIL Ltd.                         |
| 7  | Air release valve                                                           | Kirloskar             | Kirloskar brothers Ltd.,          |
|    |                                                                             | RBM                   | AFS Ltd.,                         |
|    |                                                                             | Kartar                | Kartar valves private Ltd.,       |
| 8  | Centrifugally (Spun)<br>Cast Iron Pipes                                     | Jindal                | Jindal saw Ltd.                   |
|    |                                                                             | Kesoram               | Kesoram Industries Ltd.           |
|    |                                                                             | Electrosteel          | Electrosteel castings Ltd.        |
| 9  | Spun Cast iron Fittings                                                     | Kartar                | KartarValves Private Ltd.         |
|    |                                                                             | Neco                  | Jayaswal Neco Ltd                 |
|    |                                                                             | Electrosteel          | Electrosteel castings Ltd.        |
|    |                                                                             | Kapilansh Centrifugal | Kapilansh Dhatu Udyog(P)Ltd.      |
|    |                                                                             | SKF brand             | SINGHALIRON FOUNDRY Pvt. Ltd.,    |
| 10 | CI double flange sluice valve                                               | Kirloskar             | Kirloskar brothers Ltd.,          |
|    |                                                                             | RBM                   | AFS Ltd.,                         |
|    |                                                                             | Kartar                | Kartar valves private Ltd.,       |
|    |                                                                             | IVS                   | Indian valves private Ltd.,       |
|    |                                                                             | Zoloto                | Zolota Industries                 |
|    |                                                                             | Leader                | Leader valves Ltd.                |
|    |                                                                             | BURN                  | BURN                              |
| 11 | CI double flanged non return valve                                          | Kirloskar             | Kirloskar Brothers Ltd.,          |
|    |                                                                             | Fluidtech             | Fluidtech                         |
|    |                                                                             | Zolto                 | Zolota Industries                 |
| 12 | Gun metal Valves                                                            | Zolto                 | Zolota Industries                 |
|    |                                                                             | Leader                | Leader valves Ltd.                |
|    |                                                                             | Sant                  | Sant valves Pvt Ltd,              |
|    |                                                                             | Audco                 | L&T Valves                        |

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| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|                |                                                                                                                                  |                       |                                                       |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------|
| 13             | PTMT/PVC water supply fittings like bibcocks, pillar cock, Angle valve, Stop Valve etc.                                          | PEARL                 | Precision Products                                    |
|                |                                                                                                                                  | Prayag                | Prayag Polymers (P) Ltd                               |
|                |                                                                                                                                  | Supreme               | Supreme Industries                                    |
| 14             | Float Valve (Ball Valve)                                                                                                         | Prayag,               | Prayag Polymers (P) Ltd                               |
|                |                                                                                                                                  | Leader,               | Leader valves Ltd.                                    |
|                |                                                                                                                                  | Zoloto,               | Zolota Industries                                     |
|                |                                                                                                                                  | IBP                   | IBP Industries                                        |
|                |                                                                                                                                  | Arco                  | Arco valves Pvt. Ltd.,                                |
| 15             | HDPE Pipes                                                                                                                       | Reliance              | Reliance Industries Ltd                               |
|                |                                                                                                                                  | Jain Pipes            | Jain Irrigation system Ltd                            |
|                |                                                                                                                                  | Raksha                | Raksha                                                |
|                |                                                                                                                                  | Supreme               | Supreme Industries                                    |
|                |                                                                                                                                  | Kothari               | Kothari Group                                         |
| SUB HEAD No.19 |                                                                                                                                  |                       |                                                       |
| DRAINAGE       |                                                                                                                                  |                       |                                                       |
| 1              | *RCC Pipes                                                                                                                       | Indian Hume Pipe      | Indian Hume Pipe Ltd.,                                |
|                |                                                                                                                                  | Jain & Co             | Jain spun pipes Co.,                                  |
|                |                                                                                                                                  | Lakshmi Sood&Sood     | Lakshmi Sood&Sood Pipe Co.                            |
|                | (*) Madurai spun pipes has been discontinued from the approval list as they have confirmed that they do not possess BIS license. |                       |                                                       |
| 2              | CI Manhole cover                                                                                                                 | Neco                  | JayaswalNeco Ltd.,                                    |
|                |                                                                                                                                  | BIC                   | Bengal iron corporation                               |
|                |                                                                                                                                  | DEC                   | DEC Infrastructure & Project (India) Private Limited. |
|                |                                                                                                                                  | HEPCO                 | Binay Udyog Pvt. Ltd.                                 |
| 3              | SFRC Cover and grating                                                                                                           | KK                    | KK Manhole and gratings Co Pvt Ltd.,                  |
|                |                                                                                                                                  | Advent                | Advent concrete vision                                |
|                |                                                                                                                                  | Nu-TEC                | Nu-Tech concrete products (P) Ltd.,                   |
|                |                                                                                                                                  | Kutty                 | Kutty Industries                                      |
|                |                                                                                                                                  | DEC                   | DEC I & P India Pvt.Ltd.                              |
| 4              | Plastic Encapsulated Foot Rest                                                                                                   | KK India              | KK Manhole and gratings Co Pvt Ltd.,                  |
|                |                                                                                                                                  | KGM                   | KGM Exports .                                         |
|                |                                                                                                                                  | Accurate Buildcon     | Accurate Buildcon company.                            |
| 5              | Spun cast iron covers & gratings                                                                                                 | Neco                  | JayaswalNeco Ltd                                      |
|                |                                                                                                                                  | Jagannath             | Sri Jagannath Iron Foundry Pvt. Ltd.                  |
|                |                                                                                                                                  | Kapilansh Centrifugal | Kapilansh Dhatu Udyog(P)Ltd.                          |
|                |                                                                                                                                  | SKF brand             | SINGHALIRON FOUNDARY Pvt. Ltd.,                       |

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|                |                                                            |              |                                              |
|----------------|------------------------------------------------------------|--------------|----------------------------------------------|
| 9              | Modular Kitchen/<br>Wardrobes/ Hardware<br>and accessories |              |                                              |
|                |                                                            | Godrej       | Godrej & Boyee Co                            |
|                |                                                            | Spacewood    | Spacewood                                    |
|                |                                                            | Evok         | Hindware                                     |
| SUB HEAD No.18 |                                                            |              |                                              |
| WATER SUPPLY   |                                                            |              |                                              |
| 1              | G I Pipes                                                  | TATA         | TATA Steel Ltd.,                             |
|                |                                                            | Zenith       | Zenith Birla (India) Ltd.                    |
|                |                                                            | Jindal       | Jindal Pipes Ltd.,                           |
|                |                                                            | R.K. Steel   | R.K.Steel Manufacturing<br>CompnayPvt. Ltd., |
|                |                                                            | HISSAR       | HISSAR                                       |
|                |                                                            | Apollo       | APL Apollo                                   |
| 2              | G I Pipe fittings                                          | Zoloto       | Zoloto Industries                            |
|                |                                                            | Unik         | Unikmalleables                               |
|                |                                                            | HB           | HB Industries                                |
|                |                                                            | ICS          | Sgreesamarth Engineers                       |
|                |                                                            | R.K. Steel   | R.K.Steel Manufacturing<br>CompnayPvt. Ltd., |
| 3              | Water supply Valves                                        | Zoloto       | Zoloto Industries                            |
|                |                                                            | leader       | leader valves Ltd.,                          |
|                |                                                            | ARCO         | Arco valves Pvt. Ltd.,                       |
|                |                                                            | Nanda        | Nanda Miller company                         |
| 4              | CPVC pipes and<br>fittings                                 | Supreme      | Supreme Industries Ltd.                      |
|                |                                                            | Finolex      | FinolexIndustries Ltd.                       |
|                |                                                            | Astral       | Astral Polytechnik Ltd.,                     |
|                |                                                            | Prince       | Prince Pipes andfinttings Ltd.,              |
|                |                                                            | Prayag       | Prayag polymers Pvt Ltd.,                    |
|                |                                                            | Vectus       | Vectus Industries Ltd.,                      |
|                |                                                            | Truflo       | HIS Ltd.                                     |
|                |                                                            | Anil         | Anil Thermoplastics Pvt. Ltd.                |
|                |                                                            | Birla Hil    | HIL Ltd (CK Birla Group)                     |
|                |                                                            | Sentini      | SentiniFlopipesIndiaPvt. Ltd.                |
|                |                                                            | Ashirwad     | Ashirwad PVC Pipes                           |
|                |                                                            | Flowgard     | Flowgaurd                                    |
| 5              | PVC / HDPE water<br>storage tanks                          | Sintex       | Sintexplastic technology Ltd.,               |
|                |                                                            | Vectus       | Vectus Industries Ltd.                       |
|                |                                                            | Supreme      | Supreme Industries Ltd.                      |
|                |                                                            | JS Polyplast | JS Polyplast Pvt Ltd                         |

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| <b>Overwritings</b> | <b>NIL</b> |

| SUB HEAD No.21 |                                                                     |                  |                                |
|----------------|---------------------------------------------------------------------|------------------|--------------------------------|
| ALUMINIUM WORK |                                                                     |                  |                                |
| 1              | Aluminium doors/windows sections                                    | Hindalco         | Hindalco Industries Ltd.,      |
|                |                                                                     | Jindal           | jindalAluminium Ltd.,          |
|                |                                                                     | Bhoruka          | BhorukaAluminium Ltd.,         |
|                |                                                                     | Indal            | Indian Aluminium Ltd.,         |
| 2              | Aluminium systems/<br>Anodised aluminium fittings for doors/windows | Define           | Define Overseas Pvt. Ltd.      |
|                |                                                                     | Schueco          | SchuecoIndiaPvt. Ltd.,         |
|                |                                                                     | Bhoruka          | BhorukaAluminium Ltd.,         |
|                |                                                                     | Kawneer          | Kawneer India                  |
|                |                                                                     | Hardima          | Hardima sales corporation      |
|                |                                                                     | Everite          | Everite Agencies               |
|                |                                                                     | Sigma            | Sigma Corporation              |
|                |                                                                     | Jyothi           | Jyothi Industries              |
| 3              | Friction stay hinges                                                | Earl Bihari      | Earl Bihari Pvt. Ltd.          |
|                |                                                                     | KINLONG          | Kinlong Industries             |
| 4              | EPDM Gaskets                                                        | Anand            | Anand NVH products (P) Ltd.,   |
|                |                                                                     | Roop             | Roop Polymers Ltd.,            |
|                |                                                                     | Bohra            | Bohra rubber Pvt Ltd.,         |
|                |                                                                     | Hanu             | Hanu Industries                |
|                |                                                                     | Ame Rubber       | Ame Rubber Industries Pvt Ltd. |
| 5              | Silicon Gaskets                                                     | Sree Gaurav      | Sree Gaurav Rubber Products    |
| 6              | Masking Tapes                                                       | 3M               | 3M                             |
|                |                                                                     | Sun              | Sun                            |
|                |                                                                     | Wonder polymer   | Wonder Tape Industries         |
|                |                                                                     | Roop             | Roop Polymers Ltd.,            |
| 7              | Rockwool/ Glasswool insulation                                      | Twigafiber, ,    | Twigafiber glass ltd           |
|                |                                                                     | Llyod Insulation | Llyod Insulation Ltd.          |
|                |                                                                     | Supereme         | Supereme Industries ltd        |
| 8              | Aluminium Formwork                                                  | MFE(MIVAN)       | MIVAN                          |
|                |                                                                     | S-Form           | S-Form                         |
|                |                                                                     | MFS              | MFS                            |

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| SUB HEAD No.22      |                                |                                            |                                                 |
|---------------------|--------------------------------|--------------------------------------------|-------------------------------------------------|
| WATER PROOFING WORK |                                |                                            |                                                 |
| 1                   | Water proofing compound        | Fosroc                                     | Fosroc India                                    |
|                     |                                | Sika                                       | Sika India                                      |
|                     |                                | Dr.Fixit                                   | PidiliteIndustires                              |
|                     |                                | CICO                                       | CICO Technologies Ltd.,                         |
|                     |                                | Impermo                                    | Snowcem paints                                  |
|                     |                                | Accoproof                                  | ACC cements Ltd.,                               |
|                     |                                | Ardex Endura                               | Ardex Endura (India) Ltd                        |
|                     |                                | Alchemica                                  | Alchemica Ltd.                                  |
|                     |                                | Ferrous Crete                              | Ferrous Crete (India) Pvt. Ltd.                 |
|                     |                                | MYK Schomburg                              | MYK Arments range of products                   |
|                     |                                | Penetron                                   | Penetron India Pvt.Ltd                          |
|                     |                                | Smart Care                                 | Asian Paints                                    |
|                     |                                | Cementmix Plus/Advanced Latex Plus         | Berger Paints                                   |
|                     |                                | Shalplast LW+                              | STP Ltd                                         |
|                     |                                | Mapecure AS/Mapecure E 30/Mapecure ASE     | M/s MAPEI Constructions Product India Pvt. Ltd. |
|                     |                                | KCPL                                       | Kunal ConchemPvt. Ltd.,                         |
|                     |                                | STP Ltd                                    | STP Ltd                                         |
|                     |                                | Texsa                                      | Texsa India Ltd                                 |
|                     |                                | WR Grace                                   | WR Grace Co India Pvt Ltd,                      |
|                     |                                | Hydro tech                                 | Hydro tech Ltd                                  |
|                     |                                | Asian paints                               | Smart Care Water Proofing products              |
|                     |                                | Ardex Endura                               | Ardex Endura ltd                                |
|                     |                                | Mapeplan TU S20/Planiseal 88/Planiseak 288 | M/s MAPEI Constructions Product India Pvt. Ltd. |
|                     |                                | Elastorooft PU/Sunroof PU/Sunkote          | Sunanda Speciality Coatings Pvt,Ltd             |
|                     |                                | KCPL                                       | Kunal ConchemPvt. Ltd.,                         |
| 2                   | Chemical water proofing system | BASF                                       | BASF India Ltd.,                                |
|                     |                                | MC-Bauchemie                               | MS-Bauchemie India Ltd.,                        |
|                     |                                | Sika                                       | Sika India                                      |
|                     |                                | Sunanda speciality coating                 | Sunanda speciality coating Pvt Ltd.             |
|                     |                                | Perma construction Aid                     | Perma construction Aid Pvt Ltd,                 |
|                     |                                | Fosroc                                     | Fosroc India                                    |
|                     |                                | Dr.Fixit                                   | PidiliteIndustires                              |

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| <b>Overwritings</b> | <b>NIL</b> |

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| 3                          | Water stops                | Hydrotite         | Sika India                        |
|                            |                            | BASF              | BASF India Ltd.,                  |
|                            |                            | Dr.Fixit          | PidiliteIndustires                |
|                            |                            | Hydroswell        | Sika India                        |
|                            |                            | Ardex Endura      | Ardex Endura ltd                  |
|                            |                            | Ferrous Crete     | Ferrous Crete (India) Pvt. Ltd.   |
|                            |                            | Smart Care        | Asian Paints                      |
| SUB HEAD No.25             |                            |                   |                                   |
| ALUMINIUM COMPOSITE PANELS |                            |                   |                                   |
| 1                          | Aluminium composite panels | Alucobond         | 3A Composites India Pvt.Ltd.      |
|                            |                            | Eurobond          | M/S Euro panel products Pvt. Ltd. |
|                            |                            | Aludecor          | M/S Aludecor Lamination Pvt. Ltd. |
|                            |                            | Reynobond         | Reynobond                         |
|                            |                            | Alpolic           | Alpolic                           |
|                            |                            | Alstrong          | Alstrong                          |
|                            |                            | Hynadecor         | Hynadecor AC Panels, Delhi        |
|                            |                            | Alstone           | Alstone, New Delhi                |
|                            |                            | Eurobond          | Eurobond Pvt.Ltd.,Delhi           |
|                            |                            | Sevax             | Saint Gobain Glass India Ltd.,    |
|                            |                            | Kich              | Kich India                        |
|                            |                            | Ozone             | Ozone Ltd                         |
|                            |                            | Hafele            | Hafele Ltd                        |
| MISELLANEOUS ITEMS         |                            |                   |                                   |
| 1                          | PVC Perforated Pipes       | Rex Polyextrusion | Rex Polyextrusion Ltd,            |
|                            |                            | Akash Enterprises | Akash Enterprises                 |
|                            |                            | Zenplas Pipes     | Zenplas Pipes Pvt. Ltd.,          |
|                            |                            | Supreme           | Supreme Industries                |
| 2                          | Structural Sealant         | Dow corning       | Dow corning India                 |
|                            |                            | Wacker            | Wacker Silicones.                 |
|                            |                            | GE                | GE Silicones                      |
|                            |                            | Fosroc            | Fosroc India                      |
|                            |                            | BASF              | BASF India Ltd.,                  |
|                            |                            | STP Ltd.          | Shalimar Tar Products             |
|                            |                            | Asian paints      | Smart Care Sealant                |
| 3                          | Poly-sulphide sealant      | Dr.Fixit          | PidiliteIndustries Ltd,           |
|                            |                            | Chemetall-Raj     | BASF India Ltd.,                  |
|                            |                            | Fosroc            | Fosroc India                      |
|                            |                            | Techseal          | Choksey Chemical Pvt. Ltd,        |
|                            |                            | Tuff seal         | Bondit construction Chemical      |
|                            |                            | Ferrous Crete     | Ferrous Crete (India) Pvt. Ltd.   |
|                            |                            | MYK Schomburg     | MYK Arments range of products     |

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| <b>Overwritings</b> | <b>NIL</b> |

|   |                                         |                                            |                                 |
|---|-----------------------------------------|--------------------------------------------|---------------------------------|
|   |                                         | Pidilite                                   | Pidilite Industries             |
|   |                                         | STP Ltd.                                   | Shalimar Tar Products           |
|   |                                         | Smart Care                                 | Asian Paints                    |
| 4 | Polyethylene backer rod                 | Supreme                                    | Supreme Industries              |
| 5 | Epoxy                                   | CICO Poxxy                                 | CICO Technologies Ltd.,         |
|   |                                         | Fosroc                                     | Fosroc India                    |
|   |                                         | Shalibons                                  | STP Limited                     |
|   |                                         | Ardex                                      | ArdexEndura (India) Pvt. Ltd.,  |
|   |                                         | Ferrous Crete                              | Ferrous Crete (India) Pvt. Ltd. |
|   |                                         | Asian paints                               | Asian Paints                    |
| 6 | Weather / Structural<br>Silicon sealant | Dow corning                                | Dow corning India               |
|   |                                         | Momentive (GE)                             | GE Silicones                    |
| 7 | WTR – MBBR Media                        | Cooltech, MM Aqua, Eco Aqua & Ion Exchange |                                 |

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| <b>Overwritings</b> | <b>NIL</b> |

### **SPECIAL CONDITIONS**

1. Before tendering, the contractor shall inspect the site of work and shall fully acquaint himself about the conditions prevailing at site, availability of materials, availability of land and suitable location for construction of godowns, stores and camp, transport facilities, the extent of lead and lifts involved in the work (over the entire duration of contract) including local conditions, as required for satisfactory execution of the work and nothing extra whatsoever shall be paid on this account.
2. The contractor shall at his own expense and risk arrange land for accommodation of labour, setting up of office, the storage of materials, erection of temporary workshops, and construction of approach roads to the site of the work including land required for carrying out of all jobs connected with the completion of the work. However, the departmental land, to the extent available may be allowed to be used for the purpose free of rent without accepting any responsibility for the delay, if any, on this account. The contractor shall have to abide by the regulations of the authorities concerned and the directions of the Engineer-in-charge for the use of the land available at the site of work. If during construction it becomes necessary to remove or shift the stored materials shed workshop, access roads, etc. to facilitate execution of any other work by any other agency, the contractor shall do as directed by the Engineer-in-charge and no claim whatsoever, shall be entertained on this account.
3. It shall be deemed that the contractor shall satisfied himself as to the nature and location of the work, transport facilities, availability of land for setting up of camp etc. The department will bear no responsibility for lack of such knowledge and the consequences thereof.
4. The contractor shall have to make approaches to the site, if so required and keep them in good condition for transportation of labour and materials as well as inspection of works by the Engineer-in-charge. Nothing extra shall be paid on this account.
5. The contractor shall be responsible for the true and proper setting out of the work in coordination with the Engineer-in-charge or his authorized representatives and for the correctness of the positions, levels, dimensions and alignments of all parts of the structure and for the provisions of all necessary instruments appliances and labour in connection therewith. If at any time, during the progress of work, any error appears or arises in the position, levels, dimensions or alignment of any part of the work, the contractor on being asked to do so by the Engineer-in-charge, shall rectify such error to the entire satisfaction of Engineer-in-charge. The checking by the Engineer-in-charge or his authorized representative shall not relieve the contractor of his responsibility for the correctness of any setting out of any line or level. The contractor shall carefully protect and preserve all bench marks pegs and pillars provided for the setting out of works.
6. All setting out activities concerning establishment of benchmarks, theodolite stations centre line pillars etc. including all materials, tools, plants, equipments, theodolite and all other instruments, labour etc. required for performing all the functions necessary and ancillary thereto at the commencement of the work, during the progress of the work and till the completion of the work shall be carried out by the contractor and nothing extra shall be paid on this account.
7. The contractor shall at his own cost submit samples of all materials sufficiently in advance and obtain approval of the Engineer-in-charge. Subsequently, the materials to be used in the actual execution of the work shall strictly conform to the quality of samples approved by the Engineer-in-charge and nothing extra shall be paid on this account. The acceptance of any sample or material on inspection shall not be a bar to its subsequent rejection, if found defective.
8. The contractor shall at his cost, make all arrangements and shall provide necessary facilities as the Engineer-in-charge may require for collecting, preparing, packing forwarding and transportation of the required number of samples for tests & for analysis at such time and to such places as directed by the Engineer-in-charge, and bear all charges and cost of testing unless specifically provided for otherwise elsewhere in the contract or specifications.

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| <b>Overwritings</b> | <b>NIL</b> |

9. The necessary tests shall be conducted in the laboratory approved by the Engineer-in-charge. The samples for carrying out all or any of the tests shall be collected by the Engineer-in-charge or on his behalf by any other officer of CPWD. The contractor or his authorized representative shall associate himself in collection, preparation, packing and forwarding of such samples for the prescribed tests and analysis. In case he or his authorized representative is not present or does not associate himself, the results of such tests and consequences thereon shall be binding on the contractor.
10. Materials used on work without prior inspection and testing (where testing is necessary) and without approval of Engineer-in-charge are liable to be considered unauthorized, defective and not acceptable. The Engineer-in-charge shall have full powers to require removal of any or all of the materials brought to site by contractor which are not in accordance with the contract, specifications or do not conform in character or quality to the samples approved by the Engineer-in-charge. In case of default on the part of the contractor in removing rejected materials, the Engineer-in-charge shall be at liberty to have them removed at the risk and cost of the contractor.
11. The contractor shall make his own arrangement for the water required for execution of work and get the water tested at his own cost with regard to its suitability for use in the works and get written approval from the Engineer-in-charge before he proceeds with the use of same for execution of work. Nothing extra shall be paid to the contractor on this account.
12. The work shall be carried out in such a manner so as not to interfere/or effect or disturb other works being executed by other agencies, if any.
13. Any damages done by the contractor to any existing work or work being executed by other agencies shall be made good by him at his own cost.
14. The work shall be carried out in the manner complying in all respects with the requirement of relevant rules and regulations of the local bodies under the jurisdiction of which the work is to be executed and nothing extra shall be paid on this account.
15. For completing the work in time, the contractor might be required to work in two or more shifts and no claims whatsoever shall be entertained on this account, notwithstanding the Fact that the contractor will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulations and the agreement entered upon and/or extra amount for any other reasons.
16. There is no electric power supply at the site of work. The contractor will have to make his own ' arrangement for obtaining electric connection from the stale electricity board and make necessary payments directly to the department concerned and/or install generators at the site of work, if required and nothing extra whatsoever will be payable on this account
17. The drawings for the work attached in the document relating to this contract and all other drawings that will be issued by the Engineer-in-charge during the execution of work shall at all times be properly correlated before executing any work and no claim whatsoever shall be entertained on this account.
18. The contractor shall maintain in good condition all work executed till the completion of the entire work entrusted to the contractor under this contract and nothing extra shall be paid on this account.
19. No payment will be made to the contractor for damage caused by rain, floods and other natural calamities whatsoever during the execution of the works and any damage to the work on this account shall have to be made good by the contractor at his own cost and nothing whatsoever ' shall be paid on this account.
20. The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour materials, de-watering and other inputs involved in the execution of the items.
21. Unless otherwise provided in the schedule of quantities or CPWD specifications the rates tendered by the contractor shall be all-inclusive and shall apply to all heights, depths, leads and lifts.

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22. No claim whatsoever for idle labour, additional establishments, costs of hire and labour charges for tools and plants etc. would be entertained under any circumstances.
23. For the safety of all labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractors shall, in addition to the provisions of CPWD safety code and directions of the Engineer-in-charge make all arrangements to provide facility as per the provisions of Indian Standard Specifications (Codes) listed below and nothing extra shall be paid on this account.
1. IS 3696 Part I Safety Code for scaffolds and ladders
  2. IS 3696 Part II Safety Code for scaffolds and ladders Part II ladders
  3. IS 764 Safety Code for excavation work
  4. IS 4081 Safety Code for Blasting and Drilling operations,
  5. IS4138 Safety Code for working in compressed air.
  6. IS 7293 Safety Code for working with construction machinery
  7. IS 7969 Safety Code for storage and handling of building materials
24. The contractor shall take all precautions to avoid all accidents by exhibiting necessary caution boards and by providing red flags, red lights and barriers. The contractor shall be responsible for any accident at the site of work and consequences thereof. Any compensation under such circumstances, if becomes payable, shall be entirely borne by the contractor.
25. Prevention of Nuisance and Pollution Control: The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the occupants of the adjacent properties and to the other public in general and to prevent any damage/ inconvenience to them from noise, dust, smoke and other pollutants. The contractor shall make good at his cost and to the satisfaction of Engineer in Charge any damage to roads, paths, cross drainage works, and or any other properties whatsoever caused due to execution of work or by the traffic brought there on by the contractor.
26. Royalty at the prevalent rates and all other incidental expenditure shall have to be paid by the contractor, on all the boulders, metal single, earth, aggregates, sand, bajri, Brick bats etc. collected by him for the execution of the work direct to the concerned Revenue Authority of the State or Central Government and the amount paid shall not be reimbursed in any form whatsoever.
27. In case of specifications the following hierarchy will be followed:
- (1) Nomenclature of the item.
  - (2) Additional Specifications, particular specifications, special / additional condition if any as defined in the contract documents.
  - (3) Drawings
  - (4) CPWD Specification.
  - (5) BIS Specification (Latest version) if CPWD specification not available.
  - (6) Manufacturers specifications if BIS specification not available.
  - (7) Sound engineering practices. Standard text books.
  - (8) If none of the above is available decision of Engineer-in-Charge will be Final.
28. All Stone aggregates, sand, stone dust, etc shall be obtained only from the quarry or other source approved by the Engineer in charge before they are actually procured and used in the work. The rate for the items mentioned in the schedule of quantities includes all charges and nothing-extra payable on any account.
29. The additional specifications given below are not substitute to C P W D specifications or I S specifications. These shall be read along with C P W D specifications or I S specifications.
- 29.1 The work shall be carried out using metric dimensions only and shall be measured and paid in metric dimensions. F P S units, if any, mentioned in drawings etc. are for guidance only.

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|---------------------|------------|
| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

- 29.2 Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to or revision thereof if any, up to the date of receipt of tenders.
- 29.3 Unless otherwise specified in the schedule of quantities the rate for the items of the work shall be considered, as inclusive of pumping out or bailing out water, if required, for which no extra payments will be made. This will include water encountered from any source, such as rains, floods, sub-soil water table being high or due to any other cause whatsoever.
- 29.4 The tenderer shall study the item description, the relevant drawings and satisfy himself the item of work to be carried.
- 29.5 The contractor shall produce the copy of the current validity of the BIS certification of the agency from whom materials was procured by the contractor. BIS marked materials shall also be got tested. The materials and the quantity for which tests to be conducted shall be decided by the Engineer-in-charge.
- 29.6 The rate shall be for all heights and locations and shall include all material, labour etc. unless specified in the item description.
30. 1.00% labour cess shall be deducted at source from the Gross value of the work done (which includes the stipulated materials) which shall not be reimbursed.
31. The rate for providing and fixing water supply and sanitary fittings, the rate is inclusive of cost of removing the existing damaged ones, unless otherwise specified separately.
32. For the item of providing and laying granite / vitrified tile flooring, the rate quoted shall be inclusive of protective coat of plaster of paris of required thickness, if necessary.
33. The rate quoted for tile flooring is inclusive of any hacking of base slab for better bonding of cement mortar as directed by the Engineer-in-Charge.
34. **The rubbish, garbage, dry leaves, waste material etc. generated should be segregated as per rules and regulations of the municipal / local administration before disposing to the nearest municipal dumping yard and no extra payment will be done for segregating the garbages as per local body law.**
37. The contractor is responsible for the well behaviours of the labourers engaged by him and any misbehaviour of labourers with the tenant and or with the Client Department and or with CPWD, will be dealt severely.

CONTRACTOR/

EXECUTIVE ENGINEER

CONTRACTOR'S REPRESENTATIVE

|              |     |
|--------------|-----|
| Insertions   | NIL |
| Corrections  | NIL |
| Omissions    | NIL |
| Overwritings | NIL |

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### **ADDITIONAL CONDITIONS**

1. All sorts of precautionary safety measures shall be made for labours as per safety norms.
2. Minimum wages to be ensured to workers as per minimum wage act circulated by the Andaman Nicobar Administration.
  - a. Employers contribution of EPF at the prescribed rate to be paid to the Employee.
  - b. The contractor shall be responsible for payment of minimum wages to his staff as prescribed by A & N Administration or Central Government, whichever is higher, including Provident Fund, Group Insurance, Medical and other essential facilities and fulfillment of statutory obligations to the staff in accordance with prevailing rules and the rate quoted shall be inclusive of above.
  - c. In the event of any loss due to negligence or misconduct of the employees of the contractor, compensation shall be levied on the contractor, commensurate with the loss. The decision of Executive Engineer, Andaman Central Division, CPWD, Sri Vijaya Puram or his authorized representative is final and binding on the contractor with regard to the amount of recovery to be effected from the contractor towards the loss suffered by the Government.
3. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work of pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.
4. Some restrictions may be imposed by the security staff etc., on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restrictions/instructions and nothing extra shall be payable on this account.
5. The building work will be carried out in the manner complying in all respects with the requirements of relevant byelaws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra will be paid on this account.
6. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charge, which he may be liable.
7. The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
8. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items and nothing extra should be payable (or) extra cement considered in consumption on this account.

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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9. The structural and Architectural drawings shall at all times be properly correlated before executing any work. However, in case of any discrepancy in the item given in the schedule of quantities appended with the tender and Architectural drawings relating to the relevant item, the former shall prevail unless and otherwise given in writing by the Engineer-in-charge.
10. The contractor shall take instructions from the Engineer-in-Charge for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services compound walls are to be constructed.
11. If as per Municipal/ Local body rules the huts for labour are not be erected at the site of work by the contractors, the contractors are required to provide such accommodation as is acceptable to local bodies and nothing extra shall be paid on this account.
12. Royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle sand and bajri etc., collected by him for the execution of the work direct to the Revenue authority or authorized agent of the State Government concerned or Central Government.
13. Where Hindi version also exists, and if there be variations between Hindi and English version in any part of the tender documents, the English version alone shall prevail.
14. The Rate for RCC works include cost of concreting in sloped & curved roof, chajjas & beams and no extra rate shall be payable on any account.
15. The Rate for Centering & shuttering under concrete items include cost of centering and shuttering in curves & arches up to 20 degrees.
16. The Contractor should construct proper mortar bands of lean mix with adequate depth & smaller size over the curved roof for flooding with water & proper curing. In case of Arches, wet gunny bags shall be used for a period of two weeks.

#### **17. GUARANTEE FOR WATER PROOFING TREATMENT**

Five years guarantee in prescribed proforma attached shall be given by the contractor for the water proofing treatment. In addition 10% (Ten percent) of the cost of these items of water proofing under this sub head shall be retained as guarantee to watch the performance of the work executed. However, half of this amount (withheld) would be released after five years from the date of completion of the work, if the performance of the water proofing works is satisfactory. The remaining withheld amount shall be released after completion of ten years from the date of completion of work, if the performance of the water proofing work is satisfactory. If any defect is noticed during the guarantee period, it should be rectified by the contractor within seven days of issuing of notice by the Engineer- in- Charge and, if not attended to, the same shall be got done through other agency at the risk and cost of the contractor and recovery shall be effected from the amount retained towards guarantee. In any case, the contractor and the specialist agency, during the guarantee period, shall inspect and examine the treatment once in every year and make good any defect observed and confirm the same in

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

writing. The security deposit can be released in full, if bank guarantee of equivalent amount, valid for the duration of guarantee period, is produced and deposited with the Department.

### 18. Guarantee for aluminium work

1. The contractor shall be fully responsible for and shall guarantee proper design and performance of his installed system for a period of 2 years from the date of completion of work.

The design and installation shall be to the best international standards and shall specially take account of wind and seismic loads, storms, thermal stresses, building movements and the like

In addition, 2 year guarantee (to be furnished in non-judicial stamp paper of value Rs.100/-) in prescribed Performa shall be given for performance of glazed units, anodizing, EPDM/silicon gaskets and sealants. All the Guarantees shall be submitted before final payment and shall not in any way limit any other rights to correct which the Employer may have under the Contract.

2. In addition 10% (ten percent) of the cost of all the items under sub-head ALUMINIUM WORK, as mentioned in schedule of quantities, shall be withheld from the bills towards guarantee as specified above. This amount to be withheld towards guarantee shall be in addition to the other amounts to be withheld as mentioned elsewhere in the contract agreement. However, half of this amount(withheld) would be released after five years from the date of completion of the work, if the performance, as required, is satisfactory. The remaining withheld amount shall be released after 10 years from the date of completion of work, if the performance, as required, is satisfactory. If any defects is noticed during the guarantee period, it shall be rectified by the contractor within seven days of issue of notice to the contractor, temporarily, to the satisfaction of the **CPWD or any other authorized representative of Client Department** and within a period of one month the permanent rectification of the defects/replacement of defective materials should be carried out by the contractor. If not attended to, the same shall be got done through other agency at the risk and cost of the contractor and the cost, which shall be final and binding on the contractor, shall be recovered from the amount withheld towards the guarantee as mentioned above or any other amount due to the contractor. However, the amount withheld as guarantee can be released in full if irrevocable bank guarantee, from a Schedule/Nationalized Banks, of the same amount, for the guarantee period is submitted by the contractor in favour of Engineer-In-Charge of major discipline. The defects, if any, shall be rectified in a workmanlike manner, retaining the same aesthetics and other functional parameters of the original work.

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

### **ADDITIONAL SPECIFICATIONS**

The additional specifications given below are not substitute to C P W D specifications or I S specifications. These shall be read along with C P W D specifications or I S specifications.

#### **A. GENERAL**

1. The work shall be carried out using metric dimensions only and shall be measured and paid in metric dimensions. F P S units, if any, mentioned in drawings etc are for guidance only.
2. Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to or revision thereof if any, up to the date of receipt of tenders.
3. Unless otherwise specified in the schedule of quantities the rates for the various items are for all heights and locations.
4. Unless otherwise specified in the schedule of quantities the rate for the items of the work shall be considered, as inclusive of pumping out or bailing out water, if required, for which no extra payments will be made. This will include water encountered from any source, such as rains, floods, sub-soil water table being high or due to any other cause whatsoever.
5. The tenderer shall study the item description, the relevant drawings and satisfy himself the item of work to be carried.
6. BIS marked materials shall also be got tested. The materials and the quantity for which tests to be conducted shall be decided by the Engineer-in-charge.

#### **B. WOOD WORK**

1. The timber to be used in the work should be best quality specified.
2. All glass panes used for doors and windows shall be single sheet.

#### **C. RCC WORK:**

1. The Mixing of Concrete shall be done in the mechanical mixer. Besides the mixer should also have arrangement for weighing water so that, water cement ratio can be controlled more effectively.

#### **D. ALUMINIUM WORK**

1. The aluminium doors, windows, ventilators, fixed glazing etc. shall be manufactured as per architectural drawings. Section manufactured by standard manufactures shall be used. The name of the manufacturers shall be got approved from the Engineer – in – charge in advance.
2. The contractor shall submit necessary drawings, based on the architectural drawings supplied to him, indicating the section numbers as per manufacturers catalogue, their unit weight, total weight of each unit, method of jointing the various members including details of hinges, rollers, handles etc. to the Engineer – in – Charge for his approval.

Only after the drawings are approved the required material shall be procured. The Engineer – in – Charge may modify the drawings and the work should be executed as per the modified drawings .

3. The weight of the doors, windows etc. shall be calculated considering the length and weight per unit length of various aluminium members only. The weight of gaskets, glazing, rollers, stoppers etc. shall not be considered.
4. The anodic coating of the aluminium section shall be as per the thickness specified in the schedule of quantities. The thickness of anodic coating shall be got tested in a reputed laboratory. Method of sections shall be employed for finding the thickness. The anodic coating shall confirm to IS 1868: 1982.
5. The various tests on aluminium sections shall be conducted in accordance with relevant I S codes.

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

6. The weight of aluminium section shall be least of the following
  - i) Actual weight per unit length.
  - ii) Weight as mentioned in the catalogue of the manufacturer.
7. The fabricated aluminium sections shall be given a lacquer coating which shall be maintained during the construction period to prevent damage to the aluminium sections. The same shall be cleaned and polished before handing over the building.
8. The doors, windows, ventilators etc shall be provided with glass of specified type and thickness. Weather sealing neoprene gaskets shall be provided while fixing the glass.
9. If the thickness of glass is not mentioned then the same shall be as per C P W D specifications as per area of opening.
10. The sliding shutters of windows shall be provided with superior quality nylon / metal rollers , aluminium stoppers and special type locking arrangements. The arrangements shall be got approved from the Engineer – in – Charge before procuring them.
11. The aluminum sections shall be connected to each other, wherever needed, using extruded aluminium angles of suitable size and thickness not less than 6 MM using stainless steel screws. Such connecting angles shall not be measured for payment.
12. Wherever aluminium doors, windows etc are to be fixed touching the soffit of beams a clear gap of min 6 mm may be left between the bottom of beam and top of aluminium member and the same shall be filled with silicon sealant of approved quality.

The rate shall be for all heights and locations and shall include all material, labour etc unless specified in the item description.

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

## CONDITION FOR CEMENT & STEEL TO BE BROUGHT BY THE CONTRACTOR

### 1. Cement

- 1.1. The contractor shall procure 43 grade (conforming to IS: 8112) ordinary Portland cement as required in the work, from reputed manufacturers of cement having a production capacity of one million tones per annum or more, such as ACC, Ultra Tech, J.P.Rewa, Vikram, Shree Cement, Birla Jute and Cement Corporation of India, etc., as approved by the Ministry of Industry, Government of India, and holding license to use ISI certification mark for their product whose name shall be got approved from the 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 got tested in accordance with provisions of relevant BIS codes. In case, test results indicate that the cement arranged by the contractor do 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.
- 1.2. The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-Charge.
- 1.3. The cement go-down of the capacity to store a minimum of 2 months requirement 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 cement go-down. The keys of one lock shall remain with Engineer-in-Charge or his authorized representative and keys 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 or his authorized representatives.
- 1.4. The cement shall be got tested by the Engineer-in-Charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. The frequency and details of the tests shall be decided by the Engineer-in-Charge depending on the quantum of supply in each batch. The cost of tests shall be borne by the contractor / Department in the manner indicated below:
  - a. By the contractor, if the results show that the cement does not conform to the relevant BIS codes.
  - b. By the Department, if the results show that the cement conforms to relevant BIS codes.
- 1.5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in the contract and shall be governed by conditions laid therein. Items for which standard coefficients for cement consumption are not available in DSR 2023, the same shall be decided by the Engineer-in-Charge. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at rate so prescribed shall be made. In case of excess consumption no adjustment shall be made.
- 1.6. 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.

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

- 1.7 The cement bags shall be stacked on proper floors consisting of two layers of dry bricks laid on well-consolidated earth at a level of at least one foot above ground level.
- 1.8 The stacks shall be in rows of 2 and 10 bags high with minimum of 0.60 m clear space around. The bags should be placed horizontally continuous in each line. Actual size/shape of godown shall be as per site requirements and nothing shall be paid on this account. The decision of Engineer-in-Charge regarding capacity shall be final.
- 1.9 Cement register for the cement shall be maintained at site. The account of daily receipts and issues of cement shall be maintained in register in the pro forma prescribed and signed daily by contractor or his authorized agent.

## 2. Steel

- (a) The CPWD/Contractor shall procure IS marked TMT bars of various grades as in the specification from the steel manufacturers or their authorized dealers having valid BIS license for IS.1786-2008.  
The procured steel should have following qualities.
- Excellent ductility, bend ability and elongation of finished product due to possible refining technology.
  - Consumption of steel should be accurate as per design.
  - Steel should have no brittleness problem in finished product.
  - Steel should carry the quality of corrosion and earthquake resistance.
  - Quality steel with achievement of proper level of sulphur and phosphorus as per IS:1786-2008.
- 2.1 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.
- 2.2 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 the specifications as defined under Para 2.1 above, the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week's time of written orders from the Engineer-in-charge to do so.
- 2.3 The steel reinforcement bars shall be brought to the site in bulk supply of 10 tonnes or more or as decided by the Engineer-in-Charge.
- 2.4 The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent their 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.
- 2.5 For checking nominal mass, tensile strength, bend test, re-bend test, elongation etc. specimen of sufficient length shall be cut from each size of the bar at random, and at frequency not less than that specified below:-

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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

- 2.6 The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.
- 2.7 The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 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. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption no adjustment need to be made.
- 2.8 The steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.
- 2.9 The contractor should submit pre measurement of existing exposed reinforcement to the Engineer-in-charge before taking up any further reinforcement work on the portion and nothing extra shall be paid on this account.
- 2.10 The standard section weight referred to as standard tables in Para 5.3.3. in CPWD specifications 1996 Volume –II to be considered for conversion of length of various sizes of MS bars and High yield strength deformed bars into weight are as under.

| Size (Diameter MM) | Weight in Kg/ Meter |
|--------------------|---------------------|
| 6                  | 0.222               |
| 8                  | 0.395               |
| 10                 | 0.617               |
| 12                 | 0.888               |
| 16                 | 1.579               |
| 18                 | 1.999               |
| 20                 | 2.467               |
| 22                 | 2.985               |
| 25                 | 3.855               |
| 28                 | 4.836               |
| 32                 | 6.316               |
| 36                 | 7.994               |
| 40                 | 9.869               |
| 45                 | 12.490              |
| 50                 | 15.424              |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

For steel, measurement will be regulated on sectional weight basis, weight being calculated with help of the above tables. The weight shall be taken as per actual weight if it is found lower than the standard weight but within tolerance limit as per relevant IS codes. Nothing extra shall be paid for extra weight of steel sections more than that given in the table.

**The Contractor has to produce the cash bills to the JE/AE as and when he brings the cement and steel to the site**

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CONTRACTOR

EXECUTIVE ENGINEER

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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### **SCHEDULE OF QUANTITIES**

**Name of Work :-** Dismantling old steel structure and construction of RCC independent staging for water tanks in Big Lapathy village for SAI Girls Hostel at Car Nicobar

| Sl. No. | DSR 2023 | DESCRIPTION OF ITEMS                                                                                                                                                                                                                                                                         | QTY.  | UNIT | RATE     | AMOUNT    |
|---------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|----------|-----------|
| 1       | 2        | <b>Earth Work</b>                                                                                                                                                                                                                                                                            |       |      |          |           |
| 1.1     | 2.6      | Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. |       |      |          |           |
| 1.1.1   | 2.6.1    | All kinds of soil                                                                                                                                                                                                                                                                            | 59.40 | cum  | 343.79   | 20421.00  |
| 1.2     | 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.                                                    | 52.00 | cum  | 379.62   | 19740.00  |
| 2       | 4        | <b>CONCRETE WORK</b>                                                                                                                                                                                                                                                                         |       |      |          |           |
| 2.1     | 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 :                                                                                                                                           |       |      |          |           |
| 2.1.1   | 4.1.2    | 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)                                                                                                                                         | 2.00  | cum  | 16155.01 | 32310.00  |
| 3       | 5        | <b>REINFORCED CEMENT CONCRETE</b>                                                                                                                                                                                                                                                            |       |      |          |           |
| 3.1     | 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 :                                                                                                     |       |      |          |           |
| 3.1.1   | 5.1.2    | 1:1:5:3 (1 cement :1.5 coarse sand (zone-III) derived from natural sources:3 graded stone aggregate 20 mm nominal size derived from natural source)                                                                                                                                          | 8.00  | cum  | 17520.30 | 140162.00 |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

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| 3.2   | 5.2     | Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : |         |     |          |           |
| 3.2.1 | 5.2.2   | 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III)derived from natural sources : 3 graded stone aggregate 20 mm nominal sizederived from natural sources)                                                                                                                                                                | 20.00   | cum | 21020.58 | 420412.00 |
| 3.3   | 5.9     | Centering and shuttering including strutting, propping etc. and removal of form for :                                                                                                                                                                                                                               |         |     |          |           |
| 3.3.1 | 5.9.1   | Foundations, footings, bases of columns, etc. for mass concrete                                                                                                                                                                                                                                                     | 20.00   | sqm | 759.54   | 15191.00  |
| 3.3.2 | 5.9.3   | Suspended floors, roofs, landings, balconies and access platform                                                                                                                                                                                                                                                    | 28.00   | sqm | 1795.95  | 50287.00  |
| 3.3.3 | 5.9.5   | Lintels, beams, plinth beams, girders, bressumers and cantilevers                                                                                                                                                                                                                                                   | 47.00   | sqm | 1426.30  | 67036.00  |
| 3.3.4 | 5.9.6   | Columns, Pillars, Piers, Abutments, Posts and Struts                                                                                                                                                                                                                                                                | 103.00  | sqm | 1861.90  | 191776.00 |
| 3.4   | 5.22    | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.                                                                                                                                                                      |         |     |          |           |
| 3.4.1 | 5.22.6  | Thermo-Mechanically Treated bars of grade Fe-500D or more                                                                                                                                                                                                                                                           | 1439.00 | kg  | 208.89   | 300593.00 |
| 3.5   | 5.22A   | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.                                                                                                                                                                     |         |     |          |           |
| 3.5.1 | 5.22A.6 | Thermo-Mechanically Treated bars of grade Fe-500D or more.                                                                                                                                                                                                                                                          | 1700.00 | kg  | 208.88   | 355096.00 |
| 4     | 10      | <b>Steel Work</b>                                                                                                                                                                                                                                                                                                   |         |     |          |           |
| 4.1   | 10.16   | Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.                                         |         |     |          |           |
| 4.1.1 | 10.16.1 | Hot finished welded type tubes                                                                                                                                                                                                                                                                                      | 485.00  | kg  | 376.51   | 182607.00 |
| 5     | 13      | <b>Finishing work</b>                                                                                                                                                                                                                                                                                               |         |     |          |           |
| 5.1   | 13.1    | 12 mm cement plaster of mix :                                                                                                                                                                                                                                                                                       |         |     |          |           |
| 5.1.1 | 13.1.1  | 1:4 (1 cement: 4 fine sand)                                                                                                                                                                                                                                                                                         | 199.00  | sqm | 672.19   | 133766.00 |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|       |         |                                                                                                                                                                                                                                                                                                                                                                                                                            |         |        |         |           |
|-------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|---------|-----------|
| 5.2   | 13.46   | Finishing walls with Acrylic Smooth exterior paint of required shade :                                                                                                                                                                                                                                                                                                                                                     |         |        |         |           |
| 5.2.1 | 13.46.1 | New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)                                                                                                                                                                                                                                                                                          | 176.00  | sqm    | 311.06  | 54747.00  |
| 5.3   | 13.50   | Applying priming coat                                                                                                                                                                                                                                                                                                                                                                                                      |         |        |         |           |
| 5.3.1 | 13.50.3 | With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works                                                                                                                                                                                                                                                                                                    | 18.00   | sqm    | 130.54  | 2350.00   |
| 5.4   | 13.52   | Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.                                                                                                                                                                                                                       |         |        |         |           |
| 5.4.1 | 13.52.1 | On steel work                                                                                                                                                                                                                                                                                                                                                                                                              | 18.00   | sqm    | 468.23  | 8428.00   |
| 5.5   | 15.18   | Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.                                                                                                                                                                                                          | 1000.00 | kg     | 10.94   | 10940.00  |
| 5.6   | 15.60   | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.                                                                                                               | 50.00   | cum    | 511.23  | 25562.00  |
| 6     | 18      | <b>WATER SUPPLY</b>                                                                                                                                                                                                                                                                                                                                                                                                        |         |        |         |           |
| 6.1   | 18.7    | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall |         |        |         |           |
| 6.1.1 | 18.7.4  | 32 mm nominal outer dia. Pipes.                                                                                                                                                                                                                                                                                                                                                                                            | 20      | m      | 1004.74 | 20095.00  |
| 6.1.2 | 18.7.6  | 50 mm nominal dia Pipes                                                                                                                                                                                                                                                                                                                                                                                                    | 20      | m      | 1809.31 | 36186.00  |
| 6.2   | 18.48   | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.                                                                                                                                                 | 6000    | litres | 21.31   | 127860.00 |

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| <b>Insertions</b>   | <b>NIL</b> |
| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |

|     |     |                                                                                                                                                                               |        |      |         |                   |
|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|---------|-------------------|
| 7   | NSR | <b>NON SCHEDULE ITEMS</b>                                                                                                                                                     |        |      |         |                   |
| 7.1 | NSR | Providing and fixing 50mm dia Long Handle CPVC Ball Valve (Prayag) with connection solution of approved quality.                                                              |        |      |         |                   |
|     |     | 50 mm nominal bore                                                                                                                                                            | 1.00   | each | 2017.22 | 2017.00           |
| 7.2 | NSR | Providing and Fixing of 32mm dia Long Handle CPVC Ball Valve (Prayag) complete for all lead and lifts as per the direction of Engineer-in-charge                              |        |      |         |                   |
|     |     | 32 mm nominal bore.                                                                                                                                                           | 3.00   | each | 657.93  | 1974.00           |
| 7.3 | NSR | Credit from contractor for taking out dismantled steel work in built up sections in angles, tees, flats and channels all complete as per the direction of Engineer-in-charge. |        |      |         |                   |
|     |     |                                                                                                                                                                               | 600.00 | kg   | -13.85  | -8309.00          |
|     |     | <b>Total Rs.</b>                                                                                                                                                              |        |      |         | <b>2211247.00</b> |

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| <b>Corrections</b>  | <b>NIL</b> |
| <b>Omissions</b>    | <b>NIL</b> |
| <b>Overwritings</b> | <b>NIL</b> |