



Government of West Bengal

Directorate of Forests

Office of the Divisional Forest Officer

&

Ex- Officio Manager, West Bengal Wasteland Development Corporation

Parks and Gardens (North) Division

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visit us at: www.westbengalforest.gov.in



Memo. No.242/2-26

Date: 28.11.2018

Notice Inviting e-Tender: - e-Tender NIT No: 80/DFO/PGN/WBWDCL/18-19
(1st Call)

The Ex-Officio Manager, West Bengal Wasteland Development Corporation Limited and Divisional Forest Officer, Parks & Gardens (North) Division, on behalf of the Governor, West Bengal invites e-tenders for the following work(s) from the eligible Contractors as detailed in the table below. [Collection (downloading) and Submission (uploading) of Tender can be made online through the website <https://wbtenders.gov.in> only].

NIT NO: 80/DFO/PGN/WBWDCL/18-19 (1st Call)

Name of the project work

Construction of Dinning, Kitchen & Toilet Block in Bhramri Devi Temple.

Amount : Rs. 4,04,67,858/-

TENDER FEE : Rs. 5,000/-

EMD : Rs. 8,09,357/-

Period of Completion : 180 Days.

Cost of tender document/tender fees and Earnest Money Deposit (EMD) should be deposited online at the website www.wbtenders.gov.in through RTGS/NEFT Challan or through online payment gateway.

Note: Cost of Tender document/ Tender fees and Earnest Money deposit (EMD) for 1st Call to be released & the Bidder has to deposit the Cost of Tender Document/ Tender fees and Earnest Money Deposit (EMD) afresh for 2nd Call and so on, if any.

NOTICE INVITING TENDER No. NIT No: 80/DFO/PGN/WBWDCL/18-19 (1st Call) DATED: 28.11.2018

General Guidance for e-Tendering

1.1 Instructions / Guidelines for tenderers for electronic submission of the tenders online have been shown in Web site <https://wbtenders.gov.in>

1.2 Registration of Contractors

Any contractor willing to take part in the process of e-tendering will have to be enrolled and registered with the Government e-Procurement System.

1.3 Digital Signature Certificate (DSC)

Each contractor is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of

1.4 Collection of Tender Documents

The contractor can search and download NIT and tender documents electronically from computer once he logs on to the website mentioned in Clause 1.1 using the Digital Signature Certificate. This is the only mode of collection of tender documents

1.5 Participation in more than one work

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. A prospective Tenderer (including his participation in partnership) shall be allowed to participate in a single work or more than one or as many project works as mentioned in the List of Work(s) of this NIT.

2. Submission of Tenders

2.1 General process of submission

Tenders are to be submitted online through the website stated in Clause 1.1 in two folders, at a time for each work, one is **Technical Proposal** and the other is **Financial Proposal**, before the prescribed date and time mentioned in the list attached. Using the Digital Signature Certificate (DSC), the documents are to be uploaded virus scanned and digitally signed. Tenderers should specially take note of all the addendum/corrigendum related to the tender and upload the latest documents as part of the tender.

2.2 Technical Proposal

The Technical Proposal should contain scanned copies and/or a declaration in standardized formats of the following in two covers (folders).

2.3 Contractors Responsibility

Successful tenderer will conduct soil investigation and design the foundation on the basis of soil investigation report for all structures and get the approval of the same design from the Competent Authority prior to the execution.

A. Technical File (Statutory Cover) containing

i. NOTICE INVITING TENDER (Including Instructions to Bidders, General Terms & Conditions Of Contract, Technical Specification.) **(To be submitted in “NIT” Folder)**

ii. Section B (Form I, Form III, Form IV and AFFIDAVIT – Y) **(to be submitted in “EMD AND TECHNICAL DOCUMENTS” Folder.)**

b) Addenda/Corrigenda: if published. Contractors are to keep track of all the Addendum/Corrigendum issued with a particular tender and upload all the above digitally signed along with the NIT. Tenders submitted without the Addendum/Corrigendum will be treated as informal and liable to be rejected.

2.3. Financial Proposal

i) The financial proposal should contain the Bill of Quantities (B.O.Q.) in one cover (folder). The contractor is to quote the percentage rate (Presenting Excess / Less / Excess or Less 0.00% or to indicate at par) online through computer in the space marked for quoting rate in the BOQ.

ii) Only downloaded copy of the B.O.Q. are to be uploaded quoting the rate, virus scanned & digitally signed by the contractor.

3. Eligibility Criteria for participation in tender:

(a) All categories of intending Tenderers shall have satisfactorily completed as a prime agency during the last 5 (five) years prior to the date of issue of this Tender Notice *and as per Notification no. 03-A/PW/O/10C-02/14dated 12.03.2015*

For 1st Call of NIT :

i) Intending tenderer should produce credentials of similar nature of completed work of the minimum value of **40% of the estimated amount** put to tender during 5(five) years prior to the date of issue of the tender notice;

or,

ii) Intending tenderers should produce credentials of 2(two) similar nature of completed work, each of minimum value of **30% of the estimated amount** put to tender during 5(five) years prior to the date of issue of the tender notice;

or

iii) Intending tenderers should produce credentials of 1(one) single running work of similar nature which has been completed to the extent of **80% or more** and value of which is not less than the desired value at (i) above; In case of running works , only those tenderers who will submit the certificate of satisfactory running work from the Competent authority, or equivalent competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the executed agency, i.e., the tenderer.

For 2nd Call of NIT :

i) Intending tenderer should produce credentials of similar nature of completed work of the minimum value of **30% of the estimated amount** put to tender during 5(five) years prior to the date of issue of the tender notice;

or,

ii) Intending tenderers should produce credentials of 2(two) similar nature of completed work, each of minimum value of **25% of the estimated amount** put to tender during 5(five) years prior to the date of issue of the tender notice;

or

iii) Intending tenderers should produce credentials of 1(one) single running work of similar nature which has been completed to the extent of **75% or more** and value of which is not less than the desired value at (i) above; In case of running works , only those tenderers who will submit the certificate of satisfactory running work from the Competent authority, or equivalent competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the executed agency, i.e., the tenderer.

For 3rd Call of NIT :

i) Intending tenderer should produce credentials of similar nature of completed work of the minimum value of **20% of the estimated amount** put to tender during 5(five) years prior to the date of issue of the tender notice;

or,

ii) Intending tenderers should produce credentials of 1(one) single running work of similar nature which has been completed to the extent of **70% or more** and value of which is not less than the desired value at (i) above; In case of running works , only those tenderers who will submit the certificate of satisfactory running work from the Competent authority, or equivalent competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the executed agency, i.e., the tenderer.

(a) All categories of intending Tenderers shall have satisfactorily completed as a prime agency during the last 3 (three) years prior to the date of issue of this Tender Notice at least one work of similar nature with an estimated cost equal to or more than the estimated cost put to this notice.

(b) Provided that such similar works should have been implemented in Government Department, Zilla Parishad, Government undertaking / Statutory Bodies constituted under the statute of the Government. Completion Certificate indicating Estimated Amount, Value of work-done, date of completion of the work and detail communicational address along with contact number of the Client should be submitted.

[Non-statutory Documents]

(c) All categories of prospective Tenderers shall have to submit valid and up to date documents regarding taxes and charges as applicable, Income Tax Return Acknowledgement Receipt, PAN Card issued by Income Tax Department, Voter ID Card , Trade License, GST Registration, ESI, PF in respect of the prospective Tenderer..

[Non-statutory Documents]

(d) Where an individual person holds a Certificate in his own name duly issued to him against the company or the firm of which he happens to be a director or partner, such individual person shall, while submitting any tender for and on behalf of such company or firm, invariably submit a copy of registered power of attorney showing clear authorization in his favour, by the rest of the directors of such company or the partners of such firm, to submit such tender. The Power of Attorney shall have to be registered in accordance with the provisions of the Registration Act, 1908.

[Non-statutory Documents]

(e). Neither prospective Tenderer nor any of the constituent partners had been debarred to participate in any Tender by the P.W.D., P.W.(R)D & P.W.(C.B.)D, Housing Department, W.B. or C.P.W.D. or M.E.S or Railways; during the last 5 (five) years prior to the date of this NIT. Such debarring will be considered as disqualification towards eligibility. (A declaration in this respect has to be furnished by the prospective bidders as per prescribed format).

[Non statutory Documents]

(f) The partnership firm shall furnish the registered Partnership Deed and the Company shall furnish the memorandum of Association (MOA) and Article of Association (AOA)

[Non- statutory documents]

(g) Registered Un employment Engineers Co- operative Societies/ Labour Co- Operatives are required to furnish the following documents:-

[Non statutory documents]

- (i) Current “**No objection Certificate**” from the assistant Registrar of Co- operative Societies.
- (ii) By- laws duly approved by the Assistant Registrar of Co- Operative Societies,
- (iii) Name with address and signature (in original) of the present board of Directors of the Co- operative Society.
- (iv) Copies of Minutes of last Annual General Meeting and Audit Report of the Co-operative Society with the evidence of submission of the same to the concerned Authorities, duly attested.
- (h).The prospective Tenderer or any of their constituent partner shall neither have abandoned any work nor any of their contract have been rescinded during the last 5 (five) years. Such abandonment or rescission will be considered as disqualification towards eligibility.
- (i).Joint Ventures will not be allowed.
- (j).A prospective Tenderer shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If the prospective Tenderer is found to have applied severally in a single job, all his applications will be rejected for that job.
- (k) Conditional / Incomplete Tender will not be accepted under any circumstances.

B. My Document (Non-Statutory Cover)

Sl. No.	Category Name	Sub-Category Description		Document Name
1.	CERTIFICATES	CERTIFICATES	1	P.T. deposit receipt Challan
			2	All up-to-date documents regarding taxes & charges as applicable.
			3	I.T.R. Acknowledgement Receipt
			4	PAN Card
			5	Voter ID Card
			6	Enlistment Certificate
			7	ESI, PF & GST Registration Certificate
2.	COMPANY DETAILS	COMPANY DETAILS	1	Proprietorship Firm - Trade License.
			2	2 Partnership Firm - Registered Partnership Deed, Registered Power of Attorney, Trade licence.
			3	Pvt. Ltd. Company - Registration Certificate under Company's Act, MOA & AOA, Registered Power of Attorney, Trade licence.
			4	Registered Un-employed Engineers and Labour Co-operative Societies Limited
3.	CREDENTIAL	CREDENTIAL	1	Completion Certificate from the concerned Supervisor which is applicable for eligibility in this bid [According to Cl. 6(i) of NIT]
4.	Technical Person	Contract/agreement/engagement of technical Person	1	As Applicable
			2	As Applicable

Sl. No.	Category Name	Sub-Category Description		Document Name			
5.	Financial information	P/L & Balance sheet 2015-16 P/L & Balance sheet 2016-17 P/L & Balance sheet 2017-18	1. 2. 3.	Audit Report 2015-16 Audit Report 2016-17 Audit Report 2017-18			

4. Opening of Technical Proposal

Technical proposals will be opened by the authorized representatives electronically from the website stated in Clause 2.1, using their Digital Signature Certificate.

Intending tenderers may remain present, if they so desire.

Cover (Folder) for Statutory Documents should be opened first, if found in order, Cover (Folder) for Non-statutory Documents will be opened. If there is any deficiency in the Statutory Documents, the tender will summarily be rejected.

Decrypted (transformed into readable formats) documents of the Non statutory Cover will be downloaded, and handed over to the Tender Evaluation Committee (constituted for evaluation of tenders).

5. Uploading of summary list of technically qualified Tenderer (1st round)

Pursuant to scrutiny and decision by Technical Analysis Committee (TAC) & will be Evaluated by Technical Evaluation Committee (TEC) formed by the order of competent authority the summary list of eligible tenderers with the serial number of work(s) for which their Financial Proposals will be considered will be uploaded in the web portals. While evaluation, the Committee may summon the tenderers and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these cannot be produced within the stipulated time frame, their proposals will be liable for rejection.

6. Final publication of summary list of technically qualified Tenderer

Date of opening of financial bid will be done after completion of all procedural formalities.

7. Opening and Evaluation of Financial Proposal

Financial proposals of the Tenderer declared technically eligible by the Tender Analysis Committee (TAC) and the Technical Evaluation Committee (TEC) formed by the order of Competent Authority will be opened electronically from the web portal stated on the prescribed date.

8. Acceptance of Tender (Technically eligible/qualified)

Lowest valid rate should normally be accepted. However, the Tender Accepting Authority does not bind him/herself to do so and may reserves the right to reject any or all the tenders, for valid reasons and also reserves the right to distribute the work amongst more than one tenderer.

9. Penalty for suppression / distortion of facts

If any tender fails to produce the original hard copies of the documents or any other documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is deleted in the hard copies from the uploaded soft copies or if there is any suppression, the tenderer will be suspended from participating in the tenders on e-Tender platform as deemed fit. In addition, his user ID will be deactivated and Earnest Money Deposit will stand forfeited. Besides, the WBFOR may take appropriate legal action against such defaulting tenderer.

10. Schedule of Dates:

SI No.	Particulars	Date	Time
1	Date of uploading N.I.T.Documents—Online (Publishing Date)	29.11.2018	03.00 pm.
2	Documents download start date (Online)	29.11.2018	03.15 pm.
3	Bid submission start date (Online)	29.11.2018	03.20 pm
4	Pre-Bid Meeting at office building of P&G (N), SILIGURI	12/12/2018	11:30 am.
5	Documents download end date (online)	21.12.2018	05.15 pm.
6	Bid submission closing date (Online)	21.12.2018	05.20 pm
7	Bid opening date for Technical Proposal (Online)	24.12.2018	11.00 am

Note: 1). In case of any unscheduled holiday or on days of Bandh or natural calamity on the aforesaid dates, the next working day will be treated as scheduled / prescribed date for the same purpose.

2). The Tender Inviting Authority may change the venue of opening the Technical or Financial Bids in case of exigent circumstances like breakdown of communications link or conditions of force majeure.

3). The Tender Inviting Authority reserves the right to defer the date of opening of either Technical or Financial Proposal or both, if required.

12. Brief details on the nature of work:

SI No.	Name of the project work	Amount
1	Construction of Dinning, Kitchen & Toilet Block in Bhramri Devi Temple. (Estimate Attached)	Rs. 4,04,67,858/-

13. Tender Document costs (Tender Fees) & Earnest Money Deposit (EMD):

a) Cost of tender document/tender fees and Earnest Money Deposit (EMD) should be deposited online at the website www.wbtenders.gov.in through RTGS/NEFT Challan or through online payment gateway.

b) There is no exemption of any kind for any of the eligible contractors towards cost of tender document fee or EMD.

- c) **Refund of EMD:**The EMD of the unsuccessful Tenderer deposited shall be automatically refunded through online process. The refund of EMDs will be paid to the bidders to the account from which the EMD transaction got initiated by the bidder. Accordingly, for internet banking transactions, the EMD will be refunded back to the internet banking account from which the bidder initiated the transaction. If the bidder has made EMD payment through RTGS/NEFT mode, the refund will go back to the account from which the RTGS/NEFT transaction got initiated.

HELPDESK

For any queries or issues on EMD payments made through Internet banking or Payment gateway, RTGS/NEFT mode or any Refunds Contact Helpdesk: 03340267513/ 03340267512

- d) Intending Tenderers should download the Tender Documents from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate.

- e) Both Technical Bid and Financial Bid should be submitted duly digitally signed by the Tenderer through the website <http://wbtenders.gov.in> as per the 'Date & Time Schedule' stated in Sl. No.03 of this N.I.T. (Details of which has been narrated in 'Instruction to Bidders')

14. Opening of Tender:

1. (a) The Technical Bid shall be publicly opened by the authority receiving tender or by his authorized representative, as per the Date & time Schedule mentioned in NIT. **(Stage I)**

(b) Each applicant have to submit the relevant sample, as applicable before opening of the technical bid on the specific date mentioned in the NIT at the office of the Ex-Officio Manager, WBWDCL & Divisional Forest Officer, Parks & Gardens (North) Division, Girish Ghosh Sarani, Hakimpara, Siliguri-734001.

- (c) Prospective Tenderer or their authorized representatives may be present during the opening process.

- (d) Financial Bids of only those Tenderer who would qualify in the Technical Bid Evaluation will be opened. **(Stage II).**

- (e) The Ex-Officio Manager, West Bengal Wasteland Development Corporation Limited and Divisional Forest Officer, Parks & Gardens (North) Division or his authorized representative opening the Financial Proposal may call for Open Bid/Seal Bid after opening of the said tender to obtain the suitable rate further, if required. If any of the Tenderers or their representatives fails to attend during this process no subsequent objection would be entertained under any circumstances at any later date or time.

2. The intending Tenderer shall clearly understand that whatever may be the outcome of the present Invitation of Tender, no cost of Tendering shall be reimbursable by the Government. The Ex-Officio Manager, West Bengal Wasteland Development Corporation Limited and Divisional Forest Officer, Parks & Gardens (North) Division reserves the right to reject any tender or all Tenders without assigning any reason whatsoever and is not liable for any cost that might have incurred by any Tenderer at any stage of Tendering.

3. The acceptance of the tender rests with the Ex-Officio Manager, West Bengal Wasteland Development Corporation Limited and Divisional Forest Officer, Parks & Gardens (North) Division, West Bengal who does not bind herself to accept the lowest tender and reserves to herself the authority to reject any or all the tenders received without assigning any reason thereof.

4. Intending Tenderer at their own cost and risk are encouraged to inspect the site of work and get them thoroughly acquainted with the local condition and all factors which may affect their rates. Prior to the site visit the intending Tenderers must inform the Ex-Officio Manager, West Bengal Wasteland Development Corporation Limited and Divisional Forest Officer, Parks & Gardens (North) Division about the time and date of the visit.

5. The selected Contractor must arrange to procure all materials required for the proper maintenance work. The Employer will not on any account be responsible for procuring the same.
6. Emergency/Special direction works may be carried out through Ex-Officio Unit Manager & Range Officer as or when required.
7. Payment will be made as per actual work done in the field on monthly basis. The claim should be accompanied by completion certificate of concerned Ex-Officio Unit Manager and Range Officer .
8. The detailed estimate will be available at the office of The Ex-Officio Manager, West Bengal Wasteland Development Corporation Limited and Divisional Forest Officer, Parks & Gardens (North) Division, Girish Ghosh Sarani, Hakimpura, Siliguri-734001.
9. If required in emergency or in exigency or in case of special direction from competent authority the successful tenderer or concerned Ex-Officio Unit Manager and Range Officer may take up same type & nature of additional work at same less & same rate & payment will be done accordingly on availability of fund within the completion of the project period based on the actual measurement of additional work.
10. The selected contractor will remain solely responsible for any liability in respect of works and labourers engaged by him for the said purpose. He shall make his own arrangement for temporary acquisition of land for storing his material and for the housing of his staff at his own expenses.

15. VALIDITY OF BIDS:

Bid shall remain valid for a period for 365 Days . Bid validity for a shorter period (than as given date) shall be rejected by Tender Accepting Authority as non-responsive. If any Tenderer withdraws his offer before Tender Closing period without giving any satisfactory explanation for such withdrawals, he may be disqualified for submitted tender to this Office and Directorate of Forests, Government of West Bengal for a minimum period of 1 (one) year and legal action will be taken against him.

16. VERIFICATION OF CREDENTIALS/ONSITE PROJECTS:

Before issuance of the work order, the Tender Accepting Authority may verify the credential and other documents of the lowest Tenderer if found necessary. After verification, if it is found that such documents submitted by the lowest Tenderer is either manufactured or false in that case, work order will not be issued in favour of the Tenderer under any circumstances and legal action will be taken against him.

17. CANCELLATION OF TENDER:

The Divisional Forest Officer, Parks & Gardens (North) Division, West Bengal reserves the right to cancel this N.I.T. due to unavoidable circumstances and no claim in this respect will be Entertained.

18. SECURITY DEPOSIT:

The 2% EMD will be adjusted against Security Deposit & rest 8% of Security Deposit will be deducted from running bill.

19. EXECUTION OF WORK: The Tenderer shall be bound to execute work according to the direction given from time to time by the undersigned authorized officer of this Division and any complaint against the tenderer from the said officer for deviation for his direction will cause violation of the condition of the contract and forfeiture of security money as well as discontinuation /dismissal of agreement and work order.

20. DEDUCTION OF TAXES ETC:

Deduction of Income Tax & other taxes from the Contractor's Bill will be made as per existing Govt. rules.

21. REMOVAL OF DISCREPANCY:

If any discrepancy arises between two similar clauses on different notification, the clause as stated in later notification will supersede former one in following sequence :-

- a. Form of Agreement.
- b. Tender Form.
- c. Technical Specifications including Sample materials Submission.
- d. General Terms and Conditions.
- e. Instructions to Bidders.
- f. N.I.T.

22. MOBILISATION ADVANCE/ COST OVER RUN: No Mobilization Advance and Secured Advance will be allowed. . Time / cost overrun and consequent cost of escalation for any materials, labour, P.O.L. etc. will not be allowed.

23. Canvassing in connection with the tender is strictly prohibited in the Tender submitted by the Contractor.

24. The successful Tenderer will have to start the work as per the work order to commence the work.

25. The materials, tool and plants specifically lawn mower be required for the project will be of best quality and will have to be as per the full satisfaction of undersigned or his/ her authorized officer. The authority will have the power to reject at any stage the defective and/ or inferior materials and then the replacement shall at once be made at the Contractors own expense.

26. The Successful Tenderer shall have to comply with the provision of the Minimum Wages Act, 1948 (d) and the subsequent amendments thereof or other laws relating thereto and the rules made and orders issued there under from time to time, failure to do so will be treated as breach of contract and the Ex-Officio Manager, West Bengal Wasteland Development Corporation Limited and Divisional Forest Officer, Parks & Gardens (North) Division may in his discretion cancel the contract. The contractor shall also be liable for any liability arising on account of any violation by him of the provisions of the Act and rules made there under time to time.

27. The successful Tenderer shall not be entitled for any compensation for any loss suffered by him due to delay arising out for modification of the work, due to non-delivery of the possession of site and / or modification of drawing and design.

28. No tender shall be deemed to be fit for consideration unless the tender documents are completely filled in. All information that may be asked from the Tenderer must be unequivocally furnished. The eligibility of a Tenderer will be ascertained on the basis of the documents submitted by a Tenderer in support of eligibility criteria. If any document submitted by a Tenderer is found to be incomplete/incorrect/ manufactured / fabricated or false, his Tender will be out rightly rejected at any stage and legal action will be taken against him.

29. A Tenderer is to quote in figures as well as in words, his rates in the following forms as applicable in his cases against the estimated value put to tender of the tender form.

30. In the event of a tender being submitted by a firm, it must be signed by a member or members of the firm having legal authority to do so and if called for, legal documentations in support thereon must be produced for inspection and in the case of a firm carried out by one member or a joint family it must disclose that the firm is duly registered under the Indian Partnership Act.

31. Scope of work of the Successful bidder may be changed during execution as per approval of Competent Authority or instruction of Project- in-Charge deployed by the client.
32. Contingency expenditure as shown in the BOQ will be at the discretion of the Tendering Authority for necessary payment.
33. The scope of work as floated in the tender may also vary in physical and financial terms, based on site specificity.
34. The project cost floated in the tender shall include applicable GST within it and TDS under GST shall be deducted as and when applicable. Income Tax will be deducted from bill amount (excluding GST amount) as applicable.
35. Payment will be done after receiving of fund from Competent Authority.
36. In case of deposition of security deposit, notification issued by Audit Branch of Finance Department vide No. 4608-F(Y) Dated. 18.07.2018 should be strictly followed.
37. Applicable GST will be paid from the Project Cost. Only.
38. The primary scrutiny of technical bids will be done by Technical Analysis Committee formed vide this Office memo no. 1094(17)/2-14 dated. 06.09.2018 which will be further evaluated by Technical Evaluation Committee.
39. All intending bidders or their authorized representatives may attend Pre- Bid meeting as scheduled.

s/d

Ex-Officio Manager, WBWDCL &
Divisional Forest Officer,
Parks & Gardens (North) Division

Memo. No. 242(8)/2-26

Date: 28.11.2018

Copy for information and wide circulation through his office notice board to:

1. The Principal Chief Conservator of Forests,(HoFF) West Bengal, Aranya Bhaban, Salt Lake, Kolkata-700098.
2. The Managing Director, West Bengal Wasteland Development Corp. Ltd.
3. The Chief Conservator of Forests , MIS Cell, Aranya Bhaban with a soft copy for uploading in Department Website. PDF Format mailed to the mail id pccfbw@vsnl.net.
4. The General Manager, West Bengal Wasteland Development Corp. Ltd.
5. The General Manager (Operations), West Bengal Wasteland Development Corp. Ltd.
6. The Deputy Director Tourism, North Bengal.
7. Concerned Ex-Officio Unit in- charge and Range Officer for wide publicity at Local Level.
8. Office Notice Board.
9. The Guard File.

s/d

Ex-Officio Manager, WBWDCL &
Divisional Forest Officer,
Parks & Gardens (North) Division

**1. OPENING & EVALUATION OF
TENDER A) Opening of Technical Proposal**

i) Technical proposals will be opened by the Tender Opening Authority or his authorized representative as per the Date & Time schedule mentioned in the N.I.T. electronically from the website stated in Clause 2 of this NIT using their Digital Signature Certificate.

ii) Intending tenderers are encouraged to be present for observing the tendering opening procedure.

iii) Statutory Cover shall be opened first and if found in order, Non-Statutory cover will be opened. If there is any deficiency in the statutory documents the tender will summarily be rejected.

iv) Decrypted (transformed in to readable formats) documents of the Statutory and Non Statutory Cover will be downloaded by the Tender Opening Authority.

V) Declaring summary list of technically qualified tenderers :-

a. Pursuant to scrutiny and decision of the Tender Opening Authority, the summary list of technically qualified tenderers and the serial no. of work for which their proposal will be considered will be uploaded in the web portal and also that of the Directorate of Forests, Government of West Bengal as per feasibility. The list would be displayed vide notice board of the Tender Inviting a authority, viz. Divisional Forest Officer, Parks & Gardens (North) Division, West Bengal.

b. While evaluation, the Tender Opening Authority may summon the tenderers and seek clarification /information or additional documents or original hard copy of any of the documents already submitted and if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

c. All prospective tenderers who fulfill the eligibility criteria conditions of this NIT become technically qualified for further process.

B) Opening of Financial Proposal

i. The financial proposal of the technically qualified tenderers will be opened by the Tender Opening Authority or his Authorized representative electronically as per the Date & Time Schedule mentioned in the N.I.T. from the website using their Digital Signature Certificates.

ii) Intending technically qualified tenderers are encouraged to be present during this process.

iii) Decrypted (transformed in to readable formats) B.O.Q. would be downloaded by the Tender Opening Authority.

PENALTY FOR SUPPRESSION / DISTORTION OF FACTS

If any Tenderer fails to produce the original hard copies of the documents (specifically the completion certificates and audited balance sheets), or any other documents on demand of the Tender Opening Authority within specified time frame or if any deviation is detected in the submitted documents or if there is any suppression of facts, the tender will be rejected outright and appropriate legal action may be taken by the Government against such Tenderer.

AWARD OF CONTRACT

a) The Tender Inviting Authority reserves the right to accept or reject any Tender and to cancel the tendering processes and reject all Tenders at any time and prior to the Award of Contract without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Bidder or Bidders of the ground for Employer's action.

- b) The Bidder who's Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter.
- c) The notification of award will constitute the formation of the Contract.
- d). The Agreement will incorporate all agreements between the Tender Accepting Authority and the successful Bidder. All the tender documents including NIT & B.O.Q. will be the part of the Contract Document.

s/d
Ex-Officio Manager, WBWDCL &
Divisional Forest Officer,
Parks & Gardens (North) Division.

Section – B
FORM-I
APPLICATION

To

The Ex-Officio Manager, WBWDCL &
Divisional Forest Officer, Parks & Gardens (North) Division

Subject: (Name of the Work with Tender reference no.) _____

Reference : (N.I.T. No.) _____

Dear Sir/Madam,

Having examined the Statutory, Non-statutory and NIT documents; I/We hereby submit all the necessary information and relevant documents for evaluation.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for application and for completion of the contract documents is attached herewith.

I/We are interested in bidding for the work mentioned above I/We understand that

- (a) Tender Inviting Authority and Accepting Authority can amend the scope and value of the Contract bid under this project
- (b) Tender Inviting Authority and Accepting Authority reserve the right to reject any tender without assigning any reason.

The application is made by me/us on behalf of _____ in the capacity of _____ duly authorized to submit the tender.

Enclosure:

(1) Technical Proposal (Envelop-

1/Folder) Date: _____

Signature of authorized officer of the firm

Title & Capacity of the officer

Name of the Firm with Seal

Section – B
AFFIDAVIT – Y

(To be furnished in Non-judicial stamp paper of appropriate value duly notarized)

(I) I, the undersigned do certify that all the statements made in the attached documents are true and correct. In case of any information submitted proved to be false or concealed, the application may be rejected and no objection/claim will be raised by the undersigned.

(II) The undersigned also hereby certifies that neither our firm M/S _____ nor any of constituent partners had been debarred to participate in tender by the Directorate of Forests /Government of West Bengal or any of the Statutory Bodies or Government Organizations in favour of whom credentials are preferred by the undersigned towards eligibility criteria claim; during the last 5 (five) years prior to the date of this N.I.T.

(III) The undersigned would authorize and request any Bank, person, Firm, or Corporation to furnish pertinent information as deemed necessary and/or as requested by the Divisional Forest Officer, Parks & Gardens (North) Division, W.B. herein referred to as the Tender Inviting & Accepting Authority, to verify this statement.

(IV) The undersigned understands that further qualifying information may be requested and agrees to furnish any such information at the request of the Tender Inviting & Accepting Authority.

(V) Certified that I have applied in the tender in the capacity of individual/as partner of a firm & I have not applied severally for the same job.

Date: _____

Signature of authorized officer of the firm

Title & Capacity of the officer

Name of the Firm with Seal

Section – B
FORM – III

STURCTURE AND ORGANISATION

A.1. Name of the applicant (Tenderer):

A.2. Office Address:

Telephone No.:

Fax No.:

A.3. Name and address of Bankers:

A.4. Attach an organization chart showing the structure of the company with names of key personnel and technical staff with Bio-data

Date: _____

Signature of authorized officer of the firm

Title & Capacity of the officer

Name of the Firm with Seal

Note: Application covers Proprietary Firm, Partnership, Pvt. Ltd. Company or Corporation

Section-B

**FORM- IV
EXPERIENCE PROFOILE**

LIST OF PROJECTS COMPLETED THAT ARE SIMILAR IN NATURE TO THE WORKS [REFER PARA 3

(a) (i)

(ii) (iii) -ELIGIBILITY CRITERIA]

Name of the Employer	Name, Location and nature of work	Name of authorized supervisor with designation	Contract price in Indian Rupees	Percentage of participation of Company	Original date of starting work	Original date of completion of work	Actual date of starting of work	Actual date of completion of work	Reasons for delay in completion

Note : a) Certificate from the employers to be attached .

b). Non-disclosure of any information in the schedule will result in disqualification of the firm.

Date.....

Signature of authorized officer of the firm

Title and capacity of the officer

Name of the firm with seal

INSTRUCTION TO BIDDERS (ITB)

Section – A

1. GENERAL GUIDANCE FOR e-TENDERING

Instructions / Guidelines for prospective tenderers for electronic submission of the tenders online may be obtained from the site, <http://wbtenders.gov.in> to participate in e-Tendering process.

2. REGISTRATION OF CONTRACTOR

Any contractor willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement system, through logging on to <http://wbtenders.gov.in> ; the contractor is to click on the link for e-Tendering site as given on the web portal.

3. DIGITAL SIGNATURE CERTIFICATE (DSC)

Each contractor is required to obtain a Class-II or III Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount details are available at the Web Site stated in Clause 2. DSC is given as a USB e-Token.

4. COLLECTION OF NIT & TENDER DOCUMENTS

The contractor can search & download NIT & Tender Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

5. PARTICIPATION IN MORE THAN ONE WORK

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. A prospective Tenderer (including his participation in partnership) shall be allowed to participate in a one or more than one project in this NIT.

6. SUBMISSION OF TENDER

General process of submission: Tenders are to be submitted online through the website stated in Clause 2 in two folders at a time for each work, one in Technical Proposal & the other in Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

A) TECHNICAL PROPOSAL

The Technical proposal should contain scanned copies of the following Tender Documents in two covers (folders) namely Statutory Cover and Non-Statutory Cover:-

A-1) Statutory Cover containing

- i) Application (ITB, Section B (Form I, , Form III, Form IV))
Demand Draft towards cost of tender documents (Tender Fees) & Earnest Money as prescribed in the N.I.T. against each serial of work in favour of The Divisional Forest Officer, Parks & Gardens (North) Division , Siliguri.
- ii) NIT (properly downloaded, digitally signed and uploaded)
ITB (properly downloaded, digitally signed and uploaded)
- iii) Tender Form (properly download, digitally signed on both the pages and upload the same except quoting rate, quoting rate will only be encrypted in BOQ in Financial Bid). In case any rate is quoted in Tender Form, the tender is liable to be summarily rejected.
- iv) Technical Specifications (properly downloaded, digitally signed and uploaded)
- v) Affidavit (Ref:- format shown in "Affidavit - Y" of ITB, Section -B).

A-2) Non-Statutory Cover containing:

I) (i) Certificates:

- a) Valid and up to date Professional Tax (P T) deposit receipt challan.
- b) VAT registration Certificate.
- c) Income Tax Return Acknowledgement Receipt.
- d) Income Tax PAN Card.
- e) Voter I Card
- f) Valid & upto date E.S.I. PF & GST Registration Certificate.
- g) Credential Certificates.

(ii) Proprietorship Firm - Trade Licence

(iii) Partnership Firm - Registered Deed of partnership Firm, Registered Power of Attorney, Trade Licence.

(iv) Private Limited Company - Registration Certificate under Company Act, Memorandum of Association (MOA) & Articles of Association (AOA), Registered Power of Attorney, Trade Licence.

(v) Registered Unemployed Engineers' Co-operative Societies / Labour Co.- Op. Societies are required to furnish the following valid and up to date documents : -

- a. Current "No Objection Certificate" from the Assistant Registrar of Co-operative Societies.
- b. Supporting documents showing area of operation.
- c. Bye-laws duly approved by the Assistant Registrar of Co-operative Societies.
- d. Name with address and signature of the present Board of Directors of the Co-operative Society.
- e. Minutes of last Annual General Meeting and Audit Report of the Co-operative Society with the evidence of submission of the same to the concerned Authorities.

vi) Credential for satisfactorily completion as a prime agency during the last 3 (three) years prior to the date of issue of this Tender Notice will be as stated below:

(a) Please see Point No. 3(a) of Tender Notice.

(b) Provided that such similar works should have been implemented in Government Department, Zilla Parishad, Government undertaking / Statutory Bodies constituted under the statute of the Government. Completion Certificate indicating Estimated Amount, Value of work-done, date of completion of the work and detail communicational address along with contact number of the Client should be submitted. In the case of works undertaken for P.W.D./ C.P.W.D./ M.E.S./ Railways, a Completion Certificate from the concerned Executive Engineer will be treated as valid credential.

[Non-statutory
Documents]

(c) Completion Certificate indicating Estimated Amount, Value of work-done, date of completion of the work and detail communicational address along with contact number of the Client should be submitted by the tenderer. Completion Certificate from the concerned Executive Engineer only will be treated as valid credential. & Experience Profile (ITB, Section – B , Form - V)

Note:- Failure of submission of any of the above mentioned documents will render the tender liable to be summarily rejected for both Statutory & Non Statutory Cover.

The above stated statutory/non-statutory/technical documents should be uploaded in the following manner Click the check boxes beside the necessary documents in the My Document list and then click the tab “Submit Non Statutory Documents’ to send the selected documents to Non-Statutory folder. Next Click the tab “Click to Encrypt and upload” and then click the “Technical” Folder to upload the Technical Documents.

BOQ OF Bhramri Devi Temple at Jalpaiguri West Bengal

SUMMARY OF CIVIL COST

SL NO	DESCRIPTION	AMOUNT in RS	
		WBSOR 2017 X	DSR 2016 Y
1	CIVIL WORKS	27,478,133.02	2,854,623.40
	ADD COST INDEX ON DSR @42.16%	0	1,203,509.23
	TOTAL (A)	27,478,133.02	4,058,132.63
		TOTAL(B) i.e.X+Y	31,536,265.65
		GST @ 12%	3784351.877
	Cost of Works Excluding Labour Welfare Cess & Contingency Charges		35,320,617.52
		Labour Welfare Cess @ 1%	353206.1752
		Add Contingency Charges @ 3%	1059618.526
		Total Estimated Cost	36,733,442.22

BILL OF QUANTITIES (CIVIL WORKS)

Name of Project : Construction of Dining, Kitchen and Dormitory Block at Bhramri Devi Temple , West Bengal

S. No.	WBSOR-17/DSR-16	Description	Unit	Quantity	Rates (Rs.)	Amount (Rs.) WBSOR 2017 Items	Amount (Rs.) DSR 2016 Items Items	Rate as per WBSOR 2017	Rate as per DSR 2016
REF. NO./item No.									
1		SECTION - (A) - EARTH WORK, ANTI TERMITE WORK							
1.1	Section-1(A)-2 Page-1 of 315	Earthwork in excavation of foundation trenches or drains, in all sorts of soil(including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m as directed. The item includes necessary trimming the sides of trenches, leveling, dressing and ramming the bottom, bailing out water as required complete.							
	2 (a)	a)Depth of excavation not exceeding 1500 mm.	%Cu.m	1695.00	11927.00	Rs. 202,162.65		11927.00	
	2 (b)	b)Depth of excavation for additional depth beyond 1500 mm and upto 3000 mm but not requiring shoring	%Cu.m	425.00	19238.00	Rs. 81,761.50		19238.00	
1.2	Section-1(A)-3 (a) Page-1 of 315	Earthwork in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work)							
		a) With earth obtained from excavation of foundation. (100 % of excavated earth)	%Cu.m	1265.00	7754.00	Rs. 98,088.10		7754.00	
1.3	Section-1(A)-4 (B) Page-2 of 315	Filling in foundation or plinth by fine sand in layers not exceeding 150 mm as directed and consolidating the same thorough saturation with water ramming complete including the cost of supply of sand. (Payment to be made on measurement of finished quantity. At all floors and all levels	%Cu.m	111.00	63327.00	Rs. 70,292.97		63327.00	
1.4		Pre-Constructional Anti-termite measures:							
	Section-1(A)-10 (c), Page-6	Anti termite treatment to the top surface of the consolidated earth within plinth walls with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight at the rate of 5 Liters per sq.m. of the surface before sand bed or sub grade is laid. Holes upto 50 mm to 75 mm deep at 150 mm. centre to centre both ways shall be made with 12 mm, diameter mild steel rod on the surface to facilitate saturation of the soil with the chemical emulsion. The work shall be carried out as per specification described in para 6.4 of code IS-6313 (part -II) 1981. (Mode of measurement will be per sq.m. of plan area of plinth treated.) At all levels.	Sq.m.	1085.00	110.00	Rs. 119,350.00		110.00	
2		SECTION - (C) - BRICK WORKS, CONCRETE WORKS, ETC.							
2.1	DSR 2016 Vol-I Item 4.17 page 90	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sq.m	503.00	450.35		Rs. 226,526.05		450.35

2.2	DSR 2016 Vol-I Item 4.11 page 90	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).	Sq.m	93.00	320.25			Rs. 29,783.25		320.25
2.3	DSR 2016 Vol-I Item 4.12 page 90	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	Per 50Kg Cement	30.00	47.95			Rs. 1,438.50		47.95
2.4	DSR 2016 Vol-I Item 4.13 page 90	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	Sq.m	93.00	91.90			Rs. 8,546.70		91.90
2.5	Section-1(C)- I.No. 6 (i) Page-24 of 315	Controlled Cement concrete with well graded stone chips (20 mm nominal size) excluding shuttering and reinforcement with complete design of concrete as per IS : 456 and relevant special publications, submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer in charge. Consumption of cement will not be less than 300 Kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula. In ground floor and foundation.[using concrete mixture] (b) M 25 Grade								
		i) Pakur variety								
		a) In Ground Floor	Cu.M	299	4836.00			Rs. 1,445,964.00		4836.00
2.6	Section-1(C)-22 (l) (B) (b), Page- 34 of 315	Cement concrete with graded stone ballast(40 mm size) excluding shuttering In Ground Floor (A) With N.B. variety stone metal								
		(b) 1:4:8 proportion	Cu.M	422.00	3378.00			Rs. 1,425,516.00		3378.00
2.3	Section-1(C)-36 (c) page 42 of 315	Hire and labour charges for shuttering with centering and necessary staging upto 4m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor)								
		(a) Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work.								
		In Ground Floor	Sq.m.	1315.00	363.00			Rs. 477,345.00		363.00
2.4	Section-1(C)-40 (a) (i) page 43 of 315	Reinforcement for R.C.C work in all sorts of structure including distribution bars, stirrups, binders, etc. initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape,placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.								
		For works in foundation, basement and up to roof of ground floor/upto 4 m								
		(i) TOR steel/Mild steel of SAIL/TATA/RINL								
		In Ground Floor	M.T.	59.25	73743.00			Rs. 4,369,272.75		73743.00

2.5	Section-1(C)-8(a) & (b) Page-15 of 315	Brick work with 1st class bricks in cement mortar (1:6)						
		(a) In foundation & plinth	Cu.M.	560.00	4896.00	Rs. 2,741,760.00		4896.00
		(b) In superstructure						
		In Ground Floor	Cu.M.	432.00	5119.00	Rs. 2,211,408.00		5119.00
2.6	Section-1(C)-16 Page-16 of 315	125 mm thick brick work with 1st class bricks in cement mortar (1:4)						
		In Ground Floor	Sq.M.	161.00	674.00	Rs. 108,514.00		674.00
2.7	Section-1(C)-18 Page-16 of 315	Extra for using H.B. netting in every third layer in 29 & 30 above in any floor	Sq.M.	161.00	41.00	Rs. 6,601.00		41.00
3		SUB HEAD - (D) - FLOORING						
3.1	DSR 2016 Vol-I Item 11.39 page 196	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc. complete	Sq. M	180.00	822.45		Rs. 148,041.00	822.45
3.2	Section-1(D)- 18 / Page-54 of 315	Extra cost of labour for prefinished and premoulded Nosing to treads of steps, railing, window sill etc. of Marble / Granite Stone.	Meter	120.00	224.00	Rs. 26,880.00		224.00
3.3	Section-1(D)- 19 / Page-54 of 315	Extra cost of labour for grinding Kota Stone Floor in treads and riser of Steps.	Sqm	54.00	209.00	Rs. 11,286.00		209.00
3.4	Section-1(D)-17 Page-54	18 mm to 22 mm thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair & lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding & polishing as per direction of Engineer - in - charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @ 2.0 kg/ Sq.m]	Sq. M	1047.00	1012.00	Rs. 1,059,564.00		1012.00
3.5	Section 1(D) I.No. 20, page 54 of 315	Supplying, fitting and fixing 18 mm. to 22 mm. thick kota stone slab in wall, dado in 15 mm thick [avg] cement mortar (1:3) including making suitable arrangement to hold the stone properly by brass / copper hooks including pointing in cement mortar (1:2) (1 cement : 2 marble dust) with admixture of pigments matching the stone shade, including grinding and polishing all complete as per direction of Engineer-in-charge including cost of materials, labour, scaffolding, staging, curing complete. [Using cement slurry for bedding @4.4 kg/Sq.m and for jointing @1.8 kg/Sq.m]	Sq. M	54.00	1150.00	Rs. 62,100.00		1150.00

3.6	Section-1(D)-35 (B) (a) (i) Page-64 of 315	Supplying , fitting & fixing 1st quality ceramic tiles in walls and floors to match with the existing work & 4 nos. key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.						
		(B) Walls						
		With sand cement mortar (1:4) 20mm thick & 2 mm thick cement slurry at the back side of tiles using cement @ 2.91 Kg/sqm & joint filling using white cement slurry 0.20 kg/sqm (b) Area of each tile above 0.09 Sq.m						
		(b)(ii) Other than Coloured decorative including white	Sq. M	1200.00	1036.00	Rs. 1,243,200.00		1036.00
3.7	Section-1(D)-48 (c) (ii) Page-75	Supplying & laying as per IRC-SP:063-2004 paver unit of any shade of approved quality as per relevant IS code, laid in pattern as directed in pavement, footpath, driveway (paver block only), etc including necessary underlay complete in all respect with all labour and material. [Border concrete if necessary to be paid separately]. Note: Sub-grade CBR should not be less than 5.						
		60 mm thick interlocking designer concrete paver block M- 35 grade for light-traffic zone,commercial & office complex,tourist resort as per IS: 15658-2006 (over 20-40 mm medium sand bed on 250mm thk WBM/ WMM base course & 250 mm thk bound gnauular /granular sub-base course including cost of sand for sand bed but excluding cost of base ,sub-base course & subgrade preparation.)						
		(ii) Coloured decorative	Sq. M	700.00	1338.00	Rs. 936,600.00		1338.00
3.8	CPWD DSR-16, I.No. -8.2 Vol.I page 128	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters ,window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish etc. complete at all levels. (a) Granite of any colour and shade						
	8.2.2.1	(i) Area of slab upto 0.50 sqm	Sq. M	4.00	3351.95		Rs. 13,407.80	3351.95
	8.2.2.2	(ii) Area of slab over 0.50 sqm	Sq. M	19.00	3113.30		Rs. 59,152.70	3113.30
4		SECTION - (E) - ROOFING AND SHEET WALLING						

4.1	E/17(C)-WBSOR 2017 (Page-84)	Supplying, fitting & fixing Industrial Troughed Aluminium sheet (excluding the supporting frame work) of approved make & brand in alloy 3105 conforming to IS: 1254-1991 fitted and fixed with 75 mm & 25 mm Self tapping screw , EPDM Washer 16 mm dia & 3 mm th washer etc complete with 150 mm. end lap and one corrugation minimum side lap. (Payment to be made on area of finished work) (Aluminium sheet to be supplied by contractor). (i) In Roof:- c) With 0.91 mm thick sheet	Sq. M	1650.00	1010.00	Rs. 1,666,500.00	1010.00
4.2	E/18(b)-WBSOR 2017 (Page-84)	Aluminium sheet ridging fitted with self tapping screws, EPDM washers etc. complete.(Minimum 225mm end lapping). (A) 300 mm lapping each way b) With 0.91 mm sheet	M	380.00	475.00	Rs. 180,500.00	475.00
4.3	Section-1(E)-27(B) WBSOR 2017 Page-88	Galvanised or painted wind tie made of m.s flates fitted and fixed complete including cost necessary fitting. At all floors and all levels. (b) made with 50 mm X 6mm flates	Meter	400.00	144.00	Rs. 57,600.00	144.00
5	Section - (F) - STRUCTURAL STEEL WORK, GRILLS, GATES ETC.						
5.1	Section-1(F)-2 (i) Page-100	M.S structural works in roof trusses with tabular sections shape) conforming to IS: 806:1957 & IS 1161-1958) connected to one another with bracket gusset cleat as per design drawing & direction of engineers -Incharge complete including cutting to requisite size , fabrication including metal arc welding conforming to IS 816-1956 & IS 9595 using electrodes of approved make and brand conforming to IS 814-1957 , haulage ,hosting and erection all complete The rate includes the cost of rolled steel section , consumable such as electrode ,gas and hire charges of all tools and plants and laobur required for execution and all incidental charges (such as electrictry ,Labourinsurances) etc.complete Payment to be made on the basis of calculated weight of structual memebers of m.s hollow section as specified in revelant IS code in finished work, cleat may be made by adding the actual weight of such items with weight of finished structural memebers . the rates are considered for a high of erection 8m /2nd fllor level from from the ground .Add 1.5% extra over the rates for each additional floor or 4m .beyond the intial 8 m or part thereof (i) for roof truss works (a) Span up to 12 mtr.	M.T.	56.70	60579.00	Rs. 3,434,829.30	60579.00
6	SUB HEAD - (G) - CARPENTER'S WORKS						
6.1	Section -1(G)-16 (a) Page-143	(a)Supplying 'Godrej' mortice lock chromium plated with latch and keys 4 levers, including fitting and fixing complete without handle.	Each	57.00	1081.00	Rs. 61,617.00	1081.00
6.2	Based on Section 1(G)-19 (ii) Page-143	Floor door stopper(brass)	Each	43.00	117.00	Rs. 5,031.00	117.00

6.3	Section -1(G)-26 Page-144	Anodized Aluminium barrel / tower / socket bolt(full covered) of approved manufactured from extruded section confirming to IS 204/74 fitted and fixed with cadmium plated screws:							
	(iv)	iv) 150 mm long X 10 mm dia bolt	Each	182.00	63.00	Rs. 11,466.00		63.00	
	(ix)	vi) 200 mm long X 10 mm dia bolt	Each	183.00	78.00	Rs. 14,274.00		78.00	
		(ix) 300mm long x 10mm dia. bolt.	Each	37.00	99.00	Rs. 3,663.00		99.00	
6.4	Section -1(G)-28 Page-145	Stainless Steel Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed							
	(i)	250mm x 16mm dia bolt.	Each	40.00	233.00	Rs. 9,320.00		233.00	
	(iii)	300 mm x 16mm dia bolt.	Each	12.00	231.00	Rs. 2,772.00		231.00	
6.5	Section -1(G)-31 Page-146	Anodized Aluminium decorative handle (hexagonal/ fluted) of approved quality fitted and fixed complete.							
		i)150mm plate X 10 mm dia rod X 12 mm hexagonal/ fluted	Each	74.00	87.00	Rs. 6,438.00		87.00	
6.6	Section -1(G)-31 Page-146	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete:							
		a(iv) 125mm plate X 12 mm dia rod	Each	152.00	95.00	Rs. 14,440.00		95.00	
6.7	Section -1(G)-23(ii) Page-146	Godrej Hydraulic door closer fitted and fixed complete. Heavy type	Each	35.00	2064.00	Rs. 72,240.00		2064.00	
6.8	Section -1(G)-2(A) Page-157	(A) Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid T 2430 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 6 mm thick High Pressure Steam Cured Non Asbestos Fibre Cement Standard Ceiling Board (Density > 1300 Kg/m ³) of size 595 mm X 595 mm, conforming IS 14862 & Type B Category III of ISO 8336, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7 & 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing & directions of Engineer-in-charge. In ground floor.							
		False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430).	Sq.m	300.00	591.00	Rs. 177,300.00		591.00	

6.9	Section -1(G)-23A(e)(i) Page-157	(e) Supplying ,fitting & fixing Eco-friendly, Water Resistance and Incombustable Calcium Silicate board/tiles (Density >900 Kg per Cu.M.) of approved design and brand placed in the grid module to form a false ceiling all complete as per drawing & direction of Engineer - in- Charge.							
		False ceiling with (i) 6mm thick square edged Calcium Silicate tiles (size 595mm X 595mm)	Sq.m	320.00	351.00	Rs. 112,320.00		351.00	
6.10	Section -1(G)-17 Page-165	M.F. suspended ceiling made with 12.5 mm thick Gypsum plaster board including G.I. perimeter channel of 0.55 mm flush (having two flanges 20 mm and 30 mm respectively and web 27 mm) along with perimeter of ceiling with G.I. intermediate channel of 0.9 mm thick size 45 mmx15mm placed at 750 mm c/c with G.I. ceiling angle of size 25 mmx10mmx0.55 mm thick fixed to the ceiling with G.I. Cleat and steel expansion fastener ceiling section 0.55 mm thick of size 51.50 mmx26mm fixed to the intermediate channels with the help of connecting clip and in the direction of perpendicular to the intermediate channel of 300 mm c/c 12.5 mm thick Gypsum plastered board are to be fixed under ceiling section as above by machine screws. The boards are to be joined and finished with jointing compound, paper tape and application of top coat etc. as per the direction of Engineer-in-charge. (The rate includes of cost of all materials including taxes, cost of accessories, fittings and fixtures, scaffolding and labour charges etc. complete) In ground floor	Sq.m	645.00	1159.00	Rs. 747,555.00		1159.00	
6.11	Section-1 (G) 9 (ii-b) Page-138(WBSOR-2017)	Wooden eaves board as per design, fitted and fixed complete: In ground floor							
		(iii) Ornamental eaves board (Badam/Gamar/Champ/Hallak)							
		(b) 25mm thick	Sq.M.	201.00	1949.00	Rs. 391,749.00		1949.00	
7		SUB HEAD - (I) - PLASTERING, POINTING ETC.							
7.1	Section-1(I)-1 (ii) (a) Page-189	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip coarse, scaffolding/staging where necessary (Ground Floor).[excluding cost of chipping over concrete surface]							
		(ii) With 1:4 cement mortar							
		(a) 20 mm thick plaster (Internal)							
		A - Internal	Sq,m	2191.00	181.00	Rs. 396,571.00		181.00	
	2 (ii) (b) page 190	(b) 15 mm thick plaster							
		A - Internal							
		In Ground Floor	Sq.M.	2191.00	147.00	Rs. 322,077.00		147.00	
		A - External							
		In Ground Floor	Sq.M.	2191.00	186.00	Rs. 407,526.00		186.00	

8		SUB HEAD - (J) - WHITE WASH, COLOUR WASH, DISTEMPER						
8.1	Section-1(J)-10 Page-196	Acrylic distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacture' specification) including cleaning and smoothening of surface. A) Two coats	Sq.M.	4150.00	70.00	Rs. 290,500.00		70.00
8.2	Section-1(J)-8 (b) Page-196	Applying exterior grade Acrylic Primer of approved quality and brand on plasterd or concrete surface old or new surface to receive Decoorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC In Ground Floor (Two coats)	%Sq.M.	1780.00	4510.00	Rs. 80,278.00		4510.00
8.3	Section-1(J)-16 Page-197	Protective and decorative Textured exterior high class matt finish paint of approved quality, composed of special tharmoplastic resin containing fine cerystalline additives dive from granite as per munufacturare's specification and as per direction of EIC to be applied over acrylic primer as required. The rate include cost of material, labour, scaffolding and all incedental charges but <u>excluding the cost of primer.</u> In Ground Floor	Sq.M.	1780.00	101.00	Rs. 179,780.00		101.00
8.4	Section-1(J)-5 Page-198	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand.(1.5 mm thick)	Sq.m	5960.00	122.00	Rs. 727,120.00		122.00
9		SUB HEAD - (K) - PAINTING, VARNISHING ETC.						
9.1	Section-1(K)-1(b) Page-200	(b) Priming one coat on steel or other metal surface with synthetic oil bound primer of aproved quality including smoothening surfaces by sand papering etc. (At all floors and all levels)	Sq.M.	670.00	29.00	Rs. 19,430.00		29.00
9.2	Section-1(K)-2 (A) (b) (iv) Page-200 & 201	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc on the surface, if necessary. (At all floors and all levels) (b) On steel or other metal surface with other than hi-gloss of approved quality : (iv) Two coats (with any shades except white)	Sq.M.	670.00	79.00	Rs. 52,930.00		79.00
10		SUB HEAD - Aluminium Work						

10.1	CPWD DSR-16 Vol II/21.1.1.2 Page	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : a) For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	2650.00	384.50			Rs. 1,018,925.00	384.5
10.2	CPWD DSR-16 Vol II /21.1.2.2 page 374	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : A) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	2450.00	444.90			Rs. 1,090,005.00	444.9
10.3	CPWD DSR-16 Vol II /21.3.2 Page 375	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.5 mm thickness	Sqm	140.00	1003.96			Rs. 140,554.40	1003.96
		21.3.3 With float glass panes of 8 mm thickness	Sqm	70.00	1153.90			Rs. 80,773.00	1153.9
10.4	Section 1(R) Item 27(b) page 250	Providing and fixing exterior quality Aluminium Composite Panel (ACP) wall cladding on existing Al. /MS frame work with GI brackets, ACP fixed on the existing frame work by folding the edges of ACP panel (Engraving the rear surface of ACP sheet) with CP angles, cleats and stainless Steel screws forming groves at the periphery of ACP panel. Such grooves filled with foam and silicon sealant etc. complete with all materials (but including the cost of silicon sealant), labour, scaffolding and all other incidental charges complete in all respect as per specification and direction of Engineer-in-charge. (Mode of payment is on finished surface area of ACP							

		4mm thick (0.50mm Al.+3.0mm LDPE +0.50mm Al. PVDF coating	Sq.m.	93.00	1991.00	Rs. 185,163.00		1991.00	
10.5	CPWD DSR-16 Vol-II/21.8.1 page 376	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete. Upto 5mm depth and 5 mm width	Rm	600.00	62.45			Rs. 37,470.00	62.45
10.6	Section 1(F) item 20C(iv) page 108	(vii) Aluminium peg stay 300 mm long including fitting and fixing.	Each	152.00	40.00	Rs. 6,080.00		40.00	
11		SUB HEAD - Additional Items							
11.1	Section 1(G) item 13 page 164	Providing and fixing thermal insulation of ceiling (under deck insulation) with Resin Bonded Rockwool conforming to IS: 8183, density 48 kg/m3, 50mm mm thick, wrapped in 200 G Virgin Polythene bags fixed to ceiling with metallic cleats (50x50x3 mm) @ 60 cm and wire mesh of 12.5 mm x 24 gauge wire mesh for top most ceiling of building	Sqm	1650.00	546.00	Rs. 900,900.00		546.00	
11.2	Section 1(E) 1(b) page 89	Providing waterproofing treatment over concrete roof surface (old or new) by the application of two coats of slurry prepared with latex of approved brand, water and cement in the proportion of (LP.W. Cement - 1:4:6) by volume, with brush in a time gap of minimum 4(four) hours to 14(fourteen) hours between the two layers, laying 20mm thick sand and cement consolidated plaster (1:4) admixed with Plastocrete Super of approved brand 0.2% by weight of cement, laying flat 1st class Brick Bats / Bricks over the mortar keeping a gap of 10-20 mm between two bats, filling the vertical joints with the aforesaid mortar, providing a second layer of 20 mm thick sand and cement plaster (1:4) admixed with Plastocrete Super as above over the brick layer, the top surface of the treatment should be chequered to provide the antistrip property.	Sqm	180.00	709.00	Rs. 127,620.00		709	
11.3	WBSOR ROADS 2015-2016, Item 8.01 page page 264	Cast in Situ Cement Concrete M20 Kerb. Construction of cement concrete kerb with top and bottom width 115 and 165 mm respectively, 250 mm high in M 20 grade PCC on M-10 grade foundation 150 mm thick, foundation having 50 mm projection beyond kerb stone, kerb stone laid with kerb laying machine, foundation concrete laid manually, all complete as per clause 409 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (The rate is inclusive of cost of all materials, labour, hire and usage charges of machinery and all incidental charges in this connection.)	meter	270.00	306.00	Rs. 82,620.00		306.00	
		(b) Using Concrete Batching and Mixing Plant							
11.4	Based on CPWD DSR-16/17.35.1.2 page 297	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.	RM	35.00	921.65	Rs. 32,257.75		921.65	
		110 mm dia							

BOQ OF Bhramri Devi Temple at Jalpaiguri West Bengal

SUMMARY OF PLUMBING COST

SL NO	DESCRIPTION	AMOUNT in RS		
		WBSOR 2017 X	DSR 2016 Y	MR Item Z
1	Plumbing Works	1,271,246.75	245,051.55	48,294.00
	ADD COST INDEX ON DSR @42.16%	0	103,313.73	0
	TOTAL (A)	1,271,246.75	348,365.28	48,294.00
			TOTAL(B) i.e.X+Y+Z	1,667,906.03
			GST @ 12%	200148.724
			Cost of Works Excluding Labour Welfare Cess & Contingency Charges	1,868,054.76
			Labour Welfare Cess @ 1%	18680.54757
			Add Contingency Charges @ 3%	56041.64272
			Total Estimated Cost	1,942,776.95

	(a)(i)	Chromium plated Bib Cock short body (Equivalent to Code No. 511 & Model- Tropical / sumthing special of ESSCO or similar brand)	Each	13	539.00	7007.00			539.00	
	(ii)	Chromium plated Bib Cock long body with wall flange with aerator (Equivalent to Code No. 512 & Model- Tropical / sumthing special of ESSCO or similar brand)	Each	68	659.00	44812.00			659.00	
	(b)(i)	Chromium plated Stop Cock (Equivalent to Code No. 513 (A) & 513 (B) Model- Tropical / sumthing special of ESSCO or similar brand)	Each	68	674.00	45832.00			674.00	
17		Supplying, fitting & fixing Geyser 25 Litre	Each	6	8049.00			48294.00		8049.00
18	DSR 16 Vol II Item 18.58.1.1.1 page 335	Providing and fixing PTMT grating of approved quality and colour. Circular type 100 mm nominal dia	Each	43	32.75		1408.25			32.75
19	Section (A)(III) 3 e at page 4	Chromium plated Double Coat Hook . (Equivalent to Code No. 35761 & Model- KUBIX OF JAQUAR OR similar)	Each	34	516.00	17544.00			516.00	
II	Water Supply Pipes & Fitting									
20	Section(A)(III) a1 Page-29/(a)(ii)	Supplying, fitting & fixing CPVC (Chalorinated Polyvinyl Chloride) pipes of approved make conforming to IS - 15778 : 2007 . With all necessary accessories, specials viz. socket,bend ,tee, union, cross , elbow,nipples, longscREW, reducing socket, reducing tee , short piece etc. fitted with holder bats clamps , including cutting pipes fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurments of total pipe line including all specials. No seperate payment will be made for accesories, specials. For Exposed Work Cold Water Supply (ii) CPVC Pipe ,Class-2, SDR-13.5								
		25 mm dia	Mtr	21	180.00	3780.00			180.00	
		32 mm dia	Mtr	48	265.00	12720.00			265.00	
		40 mm dia	Mtr	17	368.00	6256.00			368.00	

21	Section(A)(III) a.1 Page- 29/(b)(ii)	Supplying fitting & fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS - 15778 : 2007 . With all necessary accessories, specials viz. socket,bend ,tee, union, cross , elbow,nipples, longscREW, reducing socket, reducing tee , short piece etc. fitted with holder bats clamps , including cutting pipes fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurments of total pipe line including all specials. No seperate payment will be made for accesories, specials. For Concealed Work Cold water Supply (ii) CPVC Pipe ,Class-2, SDR-13.5								
		15 mm dia	Mtr	128	127.00	16256.00			127.00	
		20 mm dia	Mtr	76	160.00	12160.00			160.00	
		25 mm dia	Mtr	72	207.00	14904.00			207.00	
22	Section(A)(III) a1 Page-29/(a)(ii)	Supplying fitting & fixing CPVC (Chlorinated Polyvinyl Chloride) pipes of approved make conforming to IS - 15778 : 2007 . With all necessary accessories, specials viz. socket,bend ,tee, union, cross , elbow,nipples, longscREW, reducing socket, reducing tee , short piece etc. fitted with holder bats clamps , including cutting pipes fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials in any position above ground. (Payment will be made on the centre line measurments of total pipe line including all specials. No seperate payment will be made for accesories, specials. For Concealed Work Hot water Supply (ii) CPVC Pipe ,Class-2, SDR-13.5								
		15 mm dia	Mtr	26	127.00	3302.00			127.00	
		20 mm dia	Mtr	23	160.00	3680.00			160.00	

23	Section(A)(II) a.19(II) Page-13	Supplying fitting & fixing PVC pipes for underground work of approved make (medium duty) conforming to IS - 1785 and threaded to match with G I Pipe as per IS : 1239 (Part-I). With all necessary accessories, specials viz. socket,bend ,tee, union, cross , elbow,nipples, longscrew, reducing socket, reducing tee , short piece etc. fitted with holder bats clamps , including cutting pipes fitting, fixing etc. complete in all respect including cost of all material, jointing material cutting pipe ,making threaded, cutting trenches upto 1.5 metre below in all sorts and refilling the same as directed complete in all respect. (Payment will be made on the centre line measurments of total pipe line including all specials. No seperate payment will be made for accesories, specials.								
	(i)	25 mm dia	Mtr	30	191.00	5730.00			191.00	
	(ii)	32 mm dia	Mtr	60	250.00	15000.00			250.00	
	(iii)	40 mm dia	Mtr	20	311.00	6220.00			311.00	
	(iv)	50 mm dia	Mtr	75	403.00	30225.00			403.00	
	(v)	65 mm dia	Mtr	65	652.00	42380.00			652.00	
	(vi)	80 mm dia	Mtr	55	795.00	43725.00			795.00	
	(vii)	100 mm dia	Mtr	10	1162.00	11620.00			1162.00	
24	Section(A)(II) a.5 Page-5	Supplying, fitting & fixing gunmetal wheel valve of approved brand and make tested to 21 kgs per sq. cm. (for water line only).								
	(i)	100 mm dia	Each	1	9608.00	9608.00			9608.00	
	(vi)	32 mm dia	Each	5	1160.00	5800.00			1160.00	
	(vii)	25 mm dia	Each	5	778.00	3890.00			778.00	
	(viii)	20 mm dia	Each	2	604.00	1208.00			604.00	
III	Soil,Waste,Vent, Rain Water Pipes & Fitting									
25	Section(B)(II) a24 Page-74	Supplying fitting and fixing U.P.V.C pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials cutting pipes,cutting holes in walls or R.C floor where necessary and mending good all damages excluding the cost of masonary or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials.								

	B (i)	75 mm dia	Mtr	25	73.00	1825.00			73.00		
	(ii)	110 mm dia	Mtr	232	84.00	19488.00			84.00		
26	Section(B)(II) 23(B) Page-72	Supply of UPVC Pipes (B type) & fitting conforming to IS-13592-1992, (b) Fitting									
	(xxi)	Providing & fixing P Trap									
		110 mm X 110 mm dia	Each	34	281.00	9554.00			281.00		
	(xxxii)	Providing & fixing Multifloor Trap with Top Tile & Strainer									
		75 mm dia	Each	9	144.00	1296.00			144.00		
27	Section(B)(II)a10 Page-64	Supplying, fitting & fixing Aluminum domical grating									
	(iii)	110 mm	Each	12	49.00	588.00			49.00		
28	Section(B)(II)a19 Page-67	Supplying, fitting & fixing C.I.Jaali									
	(i)	110 mm	Each	12	73.00	876.00			73.00		
29	DSR 16 Vol II Item 17.61.1page 454	Cutting chases in brick masonry walls for following diameter UPVC PIPE and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand)									
	(i)	100 mm dia	Mtr	16	355.70		5691.20			355.7	
IV	External Sewer & Rain Water Drainage System										
30	Section(B) (II) a16 page-66-67	Supplying, fitting & fixing with cement jointing (3:1) salt glazed stoneware pipe including excavation of earth upto 1.50 metre debth in all sorts of soils both mixed or unmixed anf refilling (but excluding concreting and bottam and sides)									
	(ii)	200 mm dia	Mtr	90	528.00	47520.00			528.00		
	(iii)	150 mm dia	Mtr	145	334.00	48430.00			334.00		

31	Section(B)(IV).a. 1 Page-87	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soiling 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.I. and 20 mm thick(1:4) plaster to bottom of the pit. Providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces. top of the pit covered with 100 mm thick R.C.C Slab (1:1.5:3) with stone chips and necessary reinforcements up 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. Manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork i excavation in all sorts of soil , filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials.								
	(ii)	With Bazree (N.B.Variety)	Each	16	6617.00	105872.00			6617.00	
31a	DSR 16 Vol II Item 19.7.3.1page 356	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (heavy duty) 560 mm internal diameter, total weight of cover and frame to be not less than 208 kg (weight of cover 108 kg and weight of frame 100 kg) :								
		With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	8	22983.25		183866.00			22983.25
31 b	DSR 16 Vol II Item 19.8.2.1 page 356	Extra for depth for manholes With common burnt clay F.P.S. (non modular) bricks of class designation 7.5								
		Size 120x90 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	meter	3	6850.70			20552.10		6850.70
32	Section(B)(IV).a5 Page-89	Open jointed stoneware pipe 100 mm dia. Supplied, laid and fitted in position duly encircled all round by 150 mm thick layer jhama metal (38 mm to 50 mm size) including excavation of earth in any soil upto required depth including refilling trench, watering and ramming complete. (Cost of Jhama metal to be paid separately)	Mtr	50	313.00	15650.00			313.00	

33	DSR 16 Vol II Item 17.61.1 page 354	Providing and fixing square-mouth S.W. gully trap class SP-1 100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design	Each	18	1602.40		28843.20		1602.40
34	DSR 16 Vol II Item 19.16 page 358	Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910, on 12 mm dia steel bar conforming to IS: 1786, having minimum cross section as 23 mmx25 mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	Each	12	327.90		3934.80		327.9
35	Section(B)(IV) a7 Page-97	Supplying, fitting & fixing in position R.C.C.Manhole/Pit Cover of approved make with rim of approved make (heavy type)							
	(ii)	560 mm dia.	Each	24	338.00	8112.00		338.00	
36	DSR 16 Vol II Item 19.6 page 456	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : (a)250 mm dia. R.C.C. pipe	Mtr	195	482.05	93999.75			482.05

37	Section(B)(IV) a1 Page-87	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soiling 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.I. and 20 mm thick(1:4) plaster to bottom of the pit. Providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces. top of the pit covered with 100 mm thick R.C.C Slab (1:1.5:3) with stone chips and necessary reinforcements up 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. Manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork i excavation in all sorts of soil , filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials.	Each	26	7930.00	206180.00		7930.00		
38	Section(B)(IV) a3 Page-100	Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover(heavy type) of approved make supplied, fitted & fixed in the 100 mm thick R.C.C.(1:5:3) top slab with necessary fittings, 20mm thick cement plaster (4:1)with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4:1) to outside wall upto 200 mm below G.L.floor finished with 258 mm thick grey artificial stone over 100 mm thick R.C.C. (1:1.5:3) bottom slab including supplying ,fitting and fixing all necessary specials, fittings, S.W. tess ,C.I.foot rest etc.including excavation earth in all sorts of soil,shoring,bailingout and pumping out water as necessary ramings,dressing the bed and refilling the sides of the tanks with earth,removing spoils,filling up the chamber with clear water, removing foreign materials from the chamber and including construction attached inspection pit as per approved drawing and connecting all necessary pipes,joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water								
	(b)	With bazree (N.B.Variety)	Each	1	154310.00	154310.00		15431.00		

39	Section(B)(IV) a4 Page-101	Construction of circular soak well 2.5 metre drop in all types of sandy soils with drybrick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto .90 metre from top with20 mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. and 6 mm thick cement plaster (1:4) on top of R.C.C. cover slab includingfilling bottom 1.00 metre of inside of the well with brick metal (50 mm to 63 mm size) including R.C.C. cover slab of 100 mm thick with cement conc (1:1.5:3) with stone chips with necessary reinforcement and shuttering includingone 560 mm dia. R.C.C.manhole cover (heavy type) of approvedmake supplied, fitted and fixed in the coverslab with necessary fittings, making necessary arrangements for pipeconnections,excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00 m inside dia.	Each	1	15466.00	15466.00			15466.00		
		Total Amount				1,271,246.75	245,051.55	48,294.00			
		Grand Total	1,564,592.30								

BILL OF QUANTITIES FOR BHAMRI DEVI DINING & TOILET BLOCK										
INTERNAL ELECTRICAL WORKS										
Sl. no.	Item No./Page No./MR	Description of items	Unit	Total Qty	RATE (In Rs.)			AMOUNT (In Rs.)		
					WBSOR 17	DSR 16	MR	WBSOR 17	DSR 16	MR
I SUB HEAD (I) :- INTERNAL WIRING										
1		Point wiring in PVC conduit, with modular type switch :-								
	1/E-20	Distn. wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) in 19 mm bore, 3 mm thick polythen pipe complete with all accessories embedded in wall to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI switch board with top cover plate flushed in wall incl. mending good damages to original finish								
		2x22/0.3 (Ph. & N) and 1x22/0.3 as ECC								
	(iv)	Average run 9 mtr	Point	206	1193.00			245758.00	0.00	0.00
2		Twin Control Point wiring in PVC conduit, with modular type switch :-								
	1.11(DSR)	Wiring for twin control light point with 1.5 Sq.Mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, 2 way modular switch, modular plate,suitable GI box and earthing the point with 1.5 Sq.Mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	2		809.00		0.00	1618.00	0.00
3	1/E-1	Wiring with 1.1 KV grade single core PVC insulated stranded Copper wire in EI conduit/GI conduit and painting								
	(b)	2x2.5 sqmm wire in 19 mm conduit incl. S&F 1x14 SWG GI ECC	RM	1	153.00			153.00	0.00	0.00
	(c)	2x4 sqmm wire in 19 mm conduit incl. S&F 1x14 SWG GI ECC	RM	1	174.00			174.00	0.00	0.00
	(d)	2x6 sqmm wire in 19 mm conduit incl. S&F 1x14 SWG GI ECC	RM	1	208.00			208.00	0.00	0.00
	(i)	4x6.0sqmm wire in 25 mm conduit incl. S&F 2x10 SWG GI ECC	RM	1	334.00			334.00	0.00	0.00
	1.14.5(DSR)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	M	1		299.00		0.00	299.00	0.00
	1.14.10(DSR)	4 x 10 sq.mm. + 2 x 6 sq.mm. Earth wire	M	1		536.00		0.00	536.00	0.00
	1.14.11(DSR)	4 x 16 sq.mm. + 2 x 6 sq.mm. Earth wire	M	1		733.00		0.00	733.00	0.00

Sl. no.	Item No./Page No./MR	Description of items	Unit	Total Qty	RATE (In Rs.)			AMOUNT (In Rs.)		
					WBSOR 17	DSR 16	MR	WBSOR 17	DSR 16	MR
1	7/D-6	Supplying and fixing 5 amps. to 32 amps. rating, 240 volts 'C' series, miniature circuit breaker (MCB) suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. 6-32 Amp SP (Legrand)	Each	54	190.00			10260.00	0.00	0.00
2	2.11(DSR)	Supplying & fixing single pole, blanking plate in the existing MCB DB complete etc. as required. S/F FP MCB Isolator	Each	15		7.00		0.00	105.00	0.00
3	6/D-5	Supplying and fixing 240/415 V MCB Isolator on din rail of existing DBs and necessary connection.c. 63 Amps FP (Legrand)	Each	4	845.00			3380.00	0.00	0.00
		63 Amps DP (Legrand)	Each		460.00			0.00	0.00	0.00
4	2.14(DSR)	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.								
	2.14.3	63 amps.	Each	12		2242.00		0.00	26904.00	0.00
5	2.15(DSR)	Supplying and fixing following rating, four pole , (three phase & neutral) 415 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 miliampere in the existing MCB DB complete with connections, testing and commissioning etc. as required :								
	2.15.3	63 amps.	Each			2302.00		0.00	0.00	0.00
6	13/D-9	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. 4 Way (Legrand)	Each		1186.00			0.00	0.00	0.00
		8 Way (Legrand)	Each		1477.00			0.00	0.00	0.00
		12 Way (Legrand)	Each		1757.00			0.00	0.00	0.00
7	14/D-10	Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment 4 Way (Legrand)	Each	1	2851.00			2851.00	0.00	0.00
		6 Way (Legrand)	Each	1	3504.00			3504.00	0.00	0.00
		8 Way (Legrand)	Each	2	4194.00			8388.00	0.00	0.00

Sl. no.	Item No./Page No./MR	Description of items	Unit	Total Qty	RATE (In Rs.)			AMOUNT (In Rs.)		
					WBSOR 17	DSR 16	MR	WBSOR 17	DSR 16	MR
	MR	1200 mm sweep	Nos	41			2497.00	0.00	0.00	102377.00
2		Supply of AC 230/250 volts, 50 HZ exhaust fans including providing nuts, bolts, mounting frame and other accessories etc. complete (Make : Bajaj / Crompton / Havells)								
	MR	300 mm sweep 900 rpm	Nos	10			3277.00	0.00	0.00	32770.00
							TOTAL	0.00	0.00	1096088.00
VI		SUB HEAD(VI):-ERRECTION OF INTERNAL LIGHTING FIXTURES, FANS								
1	1.41(DSR)	Installation, testing and commissioning of pre-wired, flourescent fitting / compact fluorescent fitting of all types, complete with all accessories and tubes etc. directly on ceiling / wall, including connection with 1.5 sq. mm. FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	155		100.00		0.00	15500.00	0.00
2	21(a)/C-3	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire.	Each	41	66.00			2706.00	0.00	0.00
	21(b)/C-3	Extra for supplying additional wire for down rod & painting the rod exceeding 30 cm by 2x1.5 sqmm flexible copper wire.	RM	10	44.00			440.00	0.00	0.00
3	28/C-4	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter:								
	(d)	45 cm (18")	Each	6	493.00			2958.00	0.00	0.00
4	30/C-4	Fixing only louver shutter/cowl on wall with necy. bolts & nuts (6 mm dia x 62 mm long)								
	(d)	For 45 cm (18") Exhaust fan	Each	6	165.00			990.00	0.00	0.00
							TOTAL	7094.00	15500.00	0.00

**PROJECT TITLE--Construction of Dinning,Kitchen & Toilet Block in Bhramri Devi Temple
DPR SUMMARY AS PER ANNEXURE "X" OF WBSOR 2017**

SL. NO.	DESCRIPTION	AMOUNT IN RS
1	COST OF BUILDING(CIVIL) WORKS	36,733,442.22
2	COST OF INTERNAL ELECTRICAL WORKS	1,791,638.86
3	COST OF INTERNAL AND EXTERNAL PLUMBING WORKS	1,942,776.95
4	SUB TOTAL COST (1+2+3)	40,467,858.03
8	TOTAL COST OF CONSTRUCTION	40,467,858.03
Say Rupees Four Crore Four Lakhs Sixty Seven Thousand Eight Hundred and Fifty Eight Only		