



Government of West Bengal  
Directorate of Forest  
**Office of the Chief Conservator of Forest and Field Director**  
**Sundarban Tiger Reserve**  
Canning Town, 24 Paraganas South District  
West Bengal – 743329  
e-mail : [sundarbantigerreserve@gmail.com](mailto:sundarbantigerreserve@gmail.com)

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Memo No: 2290 /2B-34(e-Tender)

Date:30.06.2025

**NOTICE INVITING e-TENDER No. – WBFOR/STR/DFD/NIT/06(e)/2025-26( 2nd Call)**

**1. 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 tenders.

**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. If found to have applied severally in a single job, all his applications will be rejected for that job. A prospective Tenderer (including his participation in partnership) shall be allowed to participate in a single work 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.

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.13. of this N.I.T. (Details of which has been narrated in 'Instruction to Bidders').

## **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).

### **Technical File (Statutory Cover) containing:**

1. NIT (to be submitted in “NIT FOLDER”)
2. Section B (Form I, Form II, Form III, Form IV and AFFIDAVIT – Y) to be submitted in “FORMS FOLDER”.
3. The cost of Tender Documents (Tender Fees) is to be deposited by the Tenderer as mentioned in column no. 5 of the table of List of Works by the Contractor online in the West Bengal e-tender portal.
4. Instructions to Bidders. (To be submitted in “Other Tender Documents” Folder)
5. General Terms & Conditions Of Contract. (to be submitted in “Other Tender Documents” Folder)
6. Technical Specification (to be submitted in “Other Tender Documents” Folder)
7. Drawing if any to (“Drawing Folder”)
8. Any other document/certification as required for in the tender for ascertaining quality standards, certification needs etc.

### **Note:**

- a) The Tenderer must sign at the bottom of each page of the tender documents as a proof of acceptance of terms and conditions of the Tender. Overwriting shall not be allowed. All corrections, alternations etc. must be duly signed
- b) The successful bidder (L1), on the direction of the office, shall submit physically all the related documents in original e.g. Tender Fees, EMD, & Technical bid & Financial bid duly digitally signed and uploaded in the website <https://wbtenders.gov.in>.

## **2.3 Financial Proposal**

The financial proposal should contain the Bill of Quantities (B.O.Q.) in one cover (folder). The contractor is to quote the Rate per item inclusive of GST, all other taxes as applicable, delivery charges to the specified location or Canning (if location is not specified). This should be done online in the space marked for quoting rate in the B.O.Q.

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) Bonafide Contractors/Agencies/Suppliers/Companies including consortium and Partnership firms are eligible to participate.
- (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 detailed communication 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) All categories of prospective Tenderers shall have to submit valid and up to date Professional Tax receipt Challan, GST registration certificate, Income Tax Return Acknowledgement Receipt, PAN Card issued by Income Tax Department, and Trade Licence in respect of the prospective Tenderer.
- (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, Forest Department 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]. In case of partnership firm(s), the pledged instrument(s) must reflect the name(s) of the firm as well as the name(s) and address (es) of the partner / partners who is/are authorized to pledge the same as per valid partnership deed(s).
- (g) Registered Un-employed Engineers' Co-operative Societies / Labour Co- operative Societies are required to furnish the following documents: [Non-statutory Documents]
  - (i) Current "No Objection Certificate" from the Assistant Registrar of Co- operative Societies.
  - ii) Supporting documents showing area of operation.
  - iii) Bye-laws duly approved by the Assistant Registrar of Co-operative Societies.
  - iv) Name with address and signature (in original) of the present Board of Directors of the Co-operative Society.
  - v) 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 Tenderers 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) A prospective Tenderer (including his participation in partnership) shall be allowed to participate in only one work as mentioned above in the List of Work(s) conforming to and limited to this N.I.T.
- (l) No conditional / Incomplete Tender will be accepted under any circumstances.

### 3 (1) Work Experience Criteria :

Credential certificate issued by the Executive Engineer or equivalent or competent authority of a State/ Central Government, State/ Central Government under taking, Statutory / Autonomous bodied constituted under the Central / state statute on the executed value of completed /running work will be taken as credential. Payment certificate will not be treated as credential.

- a) Intending Tenderers should produce credentials of a similar nature of completed work (alongwith BOQ) of the minimum value of 40% of the estimated amount put to tender during 5 (five) years prior to the date of issue of this tender notice ;
- or,
- b) Intending Tenderers should produce credentials of 2 (two) similar nature of completed work (along with BOQ), each 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,
- c) Intending Tenderers should produce credentials of one single running work of similar nature(along with BOQ) which has been completed to the extent of 80% or more and value of which is not less than the desired value at above.
- d) In case of running works, only those Tenderers who will submit the certificate of satisfactory running work (along with BOQ) from the concerned Executive Engineer, 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. (G 0 No.04-A/PW/0/10C-02/14 dated 18/03/2015).

#### Note:-

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.

### My Document (Non-Statutory Cover)

Sl. No.	Category Name	Sub-Category Description	Document Name
A.	ORGANIZATION CERTIFICATES	ORGANIZATION CERTIFICATES	(For details see cl. 6 A-2 of Section - A of ITB & relevant clauses of NIT)
			1 P.T. deposit receipt Challan
			2 GST Registration Certificate
			3 Latest GST Return of the last month



			4	I.T.R. Acknowledgement Receipt for Assessment Year 2024-25
			5	PAN Card
			6	Voter ID Card ( applicable for Proprietorship Firm)
B.	COMPANY DETAILS	COMPANY DETAILS	1	Proprietorship Firm - Trade Licence.
			2	Partnership Firm - Registered Partnership Deed, Registered Power 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.
C.	CREDENTIAL & EXPERIENCE PROFILE	CREDENTIAL & EXPERIENCE PROFILE	1	As mentioned in Terms and Conditions No. 3.(1)
			2	Experience Profile ( List of completed project of similar nature )
D	BIDDER REVENUE PROFILE	BIDDER REVENUE PROFILE	1	Bidders Annual Turn over should be at least 100 % of estimated project of theis NIT in the last 3 preceding years
			2	Profit and loss balance sheet for last 3 financial years.
			3	Audit report/ Tax audit report for last 3 financial years.
E.	EQUIPMENTS	1. PLANT & MACHINERIES (OPTIONAL)	1	Authenticated copy of invoice, challan and way bill (Machinery) ( Wherever Applicable )
		2. LABORATORY (OPTIONAL)	2	Authenticated copy of invoice, challan and way bill (Laboratory) ( Wherever Applicable )
F.	FINANCIAL (INFO)	WORK IN HAND (OPTIONAL)	1	Authenticated copy ( Wherever Applicable )
		PAYMENT CERTIFICATE	2	Only Payment Certificate of work issued by the Concerned Supervisor and not the TDS certificate ( Wherever Applicable )
G.	DECLARATION	STRUCTURE & ORGANISATION	1	Details of Structure and Organisation (ITB, Section - B, Form III) ( Wherever Applicable )
		AFFIDAVIT	2	An affidavit made that no adverse report against the bidder (ITB, Section - B, Affidavit - Y)

#### 4. OPENING OF TENDER

- 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.
- The Tender Inviting Authority reserves the right to defer the date of opening of either Technical or Financial Proposal or both, if required.
- Prospective Tenderers or their authorized representatives may be present during the opening

process.

- d) The Deputy Field Director, STR, W.B. 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.

## **5. OPENING AND EVALUATION OF TECHNICAL PROPOSAL**

- a) 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.
- b) 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.
- c) 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).
- d) 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.

### **Note:-**

No tender shall be deemed to be fit for consideration unless the tender documents are fully and completely filled in. All information that may be asked from the Tenderer must be unequivocally furnished. The eligibility of a Tenderer will be ascertained based on 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.

## **6. UPLOADING OF SUMMARY LIST OF TECHNICALLY QUALIFIED TENDERERS**

Pursuant to scrutiny and decision of the Tender Evaluation Committee (TEC), 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 of the tendering website. Any clarifications/objections regarding the evaluation of the technical proposal may be brought to the notice of the TEC in writing within 2 days after such summary list is published.

## **7. FINAL PUBLICATION OF LIST OF TECHNICALLY QUALIFIED TENDERERS**

Date of opening of financial bid will to be intimated in the final summary list as selected after the publication of the summary list and listening to grievances if any. Financial Bids of only those tenderers who would qualify in the Technical Bid evaluation will be opened.

## **8. OPENING AND EVALUATION OF FINANCIAL PROPOSAL**

Financial proposals of the tenderers declared technically eligible by the Tender Evaluation Committee will be opened electronically from the web portal stated on the prescribed date, normally after 2(two) working days of date of publication of final summary list of the tenderers.

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.

Decrypted (transformed in to readable formats) B.O.Q. would be downloaded by the Tender Evaluation Committee. The encrypted copies will be decrypted and the rates will be read out to the contractors remaining present at that time. Intending technically qualified tenderers are encouraged to be present during this process.

After evaluation of Financial Proposal, by the appropriate authority of STR i.e. Tender Evaluation Committee may upload the final summary result containing inter-alia, name of contractors and the rates quoted by them against each work, provided the Tender evaluation committee is satisfied that the rate obtained is fair and reasonable and there is no scope of further lowering down of rate.

**Note: -**

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. The rate shall be clearly and legibly written and the whole writing must be by the hand of the person signing the tender and the same pen and ink. Erasing and over writing SHALL NOT BE ALLOWED. Correction in the rate should be avoided but if this becomes unavoidable, the entire rate and not a portion only shall be scored out and signed (not simply initialled) by the Tenderer in token of such cancellation. A fresh rate in one of the specific form and in the specified manner shall then be correctly written.

## **9. PROCEDURE TO BE FOLLOWED WHEN ONLY ONE/TWO TECHNICALLY QUALIFIED TENDERERS PARTICIPATED IN ANY TENDER**

Financial bid of technically qualified single / two tenderers may not be opened immediately. 2nd call may be invited immediately after technical evaluation and uploading the list of the technically qualified bidders(s) of the 1st call. If such bidder(s) technically qualified in the 1st call intend(s) to change their rates quoted in the 1st call, they are to purchase tender paper afresh. In case of non-purchase, the rates quoted in the 1st call would remain valid. After selection of technically qualified tenderers for 2nd call (in case new tenderer other than the existing tenderer of the 1st call), financial bid of both 1st and 2nd call would be opened. Financial evaluation would be made in a combined way considering both 1st and 2nd call. However, in case tenderer(s) of 1st call submit(s) fresh tender in 2nd call, rates of 2nd call should be considered in the process of evaluation.

## **10. ACCEPTANCE OF TENDER (TECHNICALLY ELIGIBLE/QUALIFIED)**

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

## **11. 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/ Work order which will constitute the formation of the contract subsuming all the terms and conditions mentioned in the NIT.

c) 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.

d) The successful Tenderer, if directed, will have to submit four sets of all the Tender Documents along with BOQ in connection with this Tender in hard copy within 5 (Five) days from the date of receipt of Letter of Acceptance/Work order of the Tender. Failure to do so will be liable to termination/rejection of Tender with forfeiture of Earnest Money.

**Note: This Tender is floated in anticipation of Financial & Administrative Approval, sanction, and release of fund in FY 2024-25. Work order may be issued after the availability of fund.**

## 12. PENALTY FOR SUPPRESSION/DISTORTION OF FACTS

If any tenderer fails to produce the original hard copies of the documents (especially completion certificates and audited balance sheets), or any other documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is detected 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 for 3 (Three) years. In addition, his user ID will be deactivated and Earnest Money Deposit will stand forfeited. Besides, the STR may take appropriate legal action against such defaulting tenderer.

## 13. SCHEDULE OF DATES:

Sl. No.	Activity	Date
1	Publishing Date	11.07.2025,12PM
2	Document Sale Start Date	11.07.2025,12PM
3	Bid Submission Start Date	11.07.2025,12PM
4	Bid Submission End Date	25.07.2025,12PM
5	Date of opening Technical Bid & Place of Opening of Technical Bid	28.07.2025,12PM At the Office of the Chief Conservator of Forests and Field Director, Sundarban Tiger Reserve Canning Town, 24-PGS(S)
6	Date of uploading of list of technically qualified bidders (online)	To be notified in due course.
7	Date of opening of Financial Bid (online).	To be notified in due course.
8	Date of uploading of list of bidders along with the final rates (online), after negotiation, with all tenderers, if necessary (offline).	To be notified in due course.

### Note:

- In case of any unscheduled holiday or natural calamity on the aforesaid dates, the next working day will be treated as scheduled / prescribed date for the same purpose.
- 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, conditions of force majeure or any other unforeseen events.
- The Tender Inviting Authority reserves the right to defer the date of opening of either Technical or Financial Proposal or both, if required.

**Notice Inviting Tender: - WBFOR/STR/DFD/NIT/06(e)/2025-26( 2nd Call)**

The Deputy Field Director, Sundarban Tiger Reserve, West Bengal, 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].

List of works:

Project No.	Name of Work	Location	Estimated Amount	Cost of Tender Paper (in Rs.)	EMD	Security Deposit (in Rs.)	Period of Completion of the work
			(in Rs.)		(in Rs.)		
1	2	3	4	5	6	7	8
1	Maintenance of Staff Toilet at MIC( Mangrove Interpretation Centre) at Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve, South 24 Parganas	Sajnekhali under S.W.L.S Range	249530	Free	4991	10 % OF ESTIMATED AMOUNT	30 Days
2	Maintenance of Chain-link Fencing by way of replacement of worn-out chain-link(75Mt r) at Khatuajhuri	Khatuajhuri under Bashirhat Range	2,00,000.00		4000		30 Days
3	Maintenance of Chain-link Fencing by way of replacement of worn-out chain-link(75Mt r) at Champta	Champta under NPE Range	2,00,000.00		4000		30 Days

4	Maintenance of Chain-link Fencing by way of replacement of worn-out chain-link(75Mtr) at Haldibari	Haldibari under NPW Range	2,00,000.00		4000		30 Days
5	Maintenance of Chain-link Fencing by way of replacement of worn-out chain-link(50 Mtr) at Sajnekhali	Sajnekhali under SWLS Range	1,30,000.00		2600		30 Days
6	Maintenance of wooden staff barrack at Sajnekhali	Sajnekhali under SWLS Range	2,49,432.00		4989		30 Days
7	Maintenance of drain for passage of sewage at Sajnekhali	Sajnekhali under SWLS Range	1,49,420.00		2988		30 Days
8	Maintenance of Roof of SIC (Sundarban Interpretation Centre) by way of bituminous water proofing treatment at Sajnekhali under SWLS Range	Sajnekhali under SWLS Range	1,85,706.00		3714		30 Days
9	Maintenance of Eco-tourism Range Office	Sajnekhali	1,99,841.00		3997		30 Days
10	Minor work for fibering of departmental	Different camps in STR	11,07,516.00		22150		30 Days

	boat						
11	Repairing of joint patrolling BSF Camp at Bagna under Bashirhat Range	Bagna under Bashirhat Range	2,00,000.00		4000		30 Days
12	Repairing of joint patrolling BSF Camp at Khatuajhuri under Bashirhat Range	Khatuajhuri under Bashirhat Range	2,00,000.00		4000		30 Days
13	Repairing of Translocation Cage for Wildlife	Sudarban Tiger Reserve	1,50,000.00		3000		30 Days
14	Maintenance of Cement Concrete road at Satjelia JFMC	Satjelia JFMC	2,49,542.00		4991		30 Days
15	Maintenance of Cement Concrete road at Kumirmari JFMC	Kumirmari JFMC	2,49,542.00		4991		30 Days

#### 14. BRIEF DETAILS ON THE NATURE OF WORK:

2.a)	Name of the project work	Maintenance of Staff Toilet at MIC( Mangrove Interpretation Centre) at Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve & Other works
2.b)	Project ID	NA
2.c)	Job ID	NA
2.d)	Consultant & Architect for the project	NA

2.e)	Nature of Work	Maintenance of Staff Toilet at MIC( Mangrove Interpretation Centre) at Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve & Other works
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## 15. TENDER DOCUMENT COSTS (TENDER FEES)

- The cost of Tender Documents (Tender Fees) is to be deposited online in the west Bengal government e-Tender portal by the Tenderer as mentioned in **Column no. 5 of the table for List of Works**.
- There is no exemption of any kind for any of the eligible contractors towards cost of tender document fee or EMD unless exempted by the TIA.
- The original instrument towards the cost of Tender Documents (Tender Fees) should be submitted online in the West Bengal Government e-Tender Portal stated in Column No.5 of List of works.

## 16. VALIDITY OF BIDS

- Bid shall remain valid for 365 days from the date of the publishing of the tender unless otherwise specified. Bid validity if quoted for a shorter period shall be rejected by Tender Accepting Authority as being non- responsive.
- If any Tenderer withdraws his offer before Bid validity 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.

## 17. 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.

## 18. CANCELLATION OF TENDER

- The Deputy Field Director, STR, W.B. reserves the right to cancel this N.I.T. due to unavoidable circumstances and no claim in this respect will be Entertained.
- The intending Tenderers 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 Deputy Field Director, STR, W.B. 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.

## 19. SECURITY DEPOSIT

The successful Tenderer to whom a Letter of Acceptance/Work Order has been issued shall within 05 (five) days from the date of Letter of Acceptance/ Work Order, deposit an amount as indicated in Column (7) of the List of Works through GRIPS in favour of the Deputy Field Director, Sundarban Tiger Reserve.

### PAYMENT OF E.M.D.

- Payment by net banking (any listed bank) through ICICI Bank payment Gateway.
- On selection of net banking as the payment mode, the bidder will be directed to the ICICI Bank



- payment Gateway webpage (along with a string containing a Unique ID) where he will select the bank through which he wants to do the transaction.
3. Bidder will make the payment after entering his Unique ID and password of the Bank process the transaction.
  4. Bidder will receive a confirmation message regarding success/failure of the transaction.
  5. If the transaction is successful, the payment paid by the bidder will get credited in the respective pooling account of the state Government maintained with the Focal Point Branch of ICIC Bank at R.N. Mukherjee Road, Kolkata for collection of BID SECURITY.
  6. If transaction is failure, the bidder will again try for payment by going back to the first step again.

#### **PAYMENT THROUGH RTGS/NEFT**

1. On selection of RTGS/NEFT as the payment mode, the e- procurement portal will show a pre-filled challan having the details to process RTGS/NEFT transaction.
2. The bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his Bank account.
3. Once payment is made the bidder will come back to the e-procurement portal after expiry of a reasonable time to enable the NEFT/RTGS process to complete, to verify the payment made and continue the bidding process.
4. If verification is successful, the fund will get credited to the respective pooling account of the state Government maintained with the Focal Point Branch of ICIC Bank at R.N. Mukherjee Road, Kolkata for collection of BID SECURITY.
5. Hereafter, the bidder will go to e-procurement portal for submission of his bid.
6. But if any payment verification is unsuccessful, the amount will be returned to the bidder's account

#### **REFUND/SETTLEMENT PROGRESS:**

1. After opening of the bids and technical evaluation of the same by the tender inviting authority through electronic processing in the e-procurement portal of the State Government, the tender inviting authority will declare the status of the bids which will be made available, along with the details of the unsuccessful bidders, to the ICICI Bank by the e-procurement portal through bed service.
2. On receipt of the information from the e-procurement portal, the Bank will refund through an automated process the BID security of the bidders disqualified at the technical evaluation to the respective bidder's Bank accounts from which they made the payments.
3. Once the financial bid evaluation is electronically processed in the e-procurement portal BID SECURITY of the technically qualified bidders other than that of the L1 & L2 bidders will be refunded, through the automated process, to the respective bidder's Bank accounts from which they made the payments. However the L2 bidder should not be rejected till the LOI process is successful.
4. If the L1 Bidder accepts the LOI and the same processed electronically in the e-procurement portal BID SECURITY of the L2 bidder will be refunded through an automated process to his bank account from which he made the payment transaction.
5. Additional Performance Security @ 10 % of Tendered Amount shall be deposited in the form of Bank Guarantee when the bid rate is 80% or less of the estimated amount put on tender as per G.O. No. 4608-f(y), Dt.18.07.2018.

#### **20. DEDUCTION OF TAXES ETC**

Deduction of Income Tax from the Contractor's Bill will be made as per Govt. rules. Labour Welfare Cess @ 1 % (one percent) of the cost of construction works will be deducted from every Bill of the selected agency. GST, Royalty & all other statutory levy/ Cess will have to be borne by the contractor

as per Govt. Rules and the rate in the B.O.Q. is inclusive of all the taxes & cess stated above. Deduction of Tax shall be made as per provision of the GST act with up to date amendments.

## **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 :-

1. Form of Agreement
2. Tender Form
3. Technical Specifications
4. General Terms and Conditions
5. Relevant PWD(W.B.) Schedule of Rates
6. Instructions to Bidders
7. N.I.T.

## **22. MOBILISATION ADVANCE/ COST OVER RUN**

- a) No Mobilisation 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.
- b) Canvassing in connection with the tender is strictly prohibited in the Tender submitted by the Contractor.

## **23. TECHNICAL SPECIFICATIONS, QUALITY MAINTENANCE AND EXECUTION OF THE WORKS**

1. Unless otherwise stipulated all the works are to be done as per the Technical Specifications of the tender document. Contractor may refer to the relevant PWD (W.B.) Schedule of Rates for the working area including up to date addenda and corrigenda, if any, published by Public Works Department, Government of West Bengal. The project should be executed as per IS CODE /IRC/MOST/MORTH standards or higher regarding the quality of materials and various items of works.
2. Intending Tenderers at their own cost and risk are encouraged to inspect the site of work and get themselves 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 Deputy Field Director, STR, W.B. (03218-255280) or email (sundarbantigerreserve@gmail.com) about the time and date of the visit.
3. Site of work and necessary drawings may be handed over to the successful Tenderer along with the work order or in a phase wise manner as deemed fit by the Deputy Field Director, STR,W.B. No claim in this regard will be entertained.
4. The Contractor will have to start the work as per the work order to commence the work. The date of work order will be considered the date of contract and will be considered for all time period calculations.
5. The selected Contractor must arrange to procure all materials required for the proper completion of the work including cement and steel (as per the Technical Specifications of the tender document). The Employer will not on any account be responsible for procuring the same.
6. Cement materials of reputed brand like ACC, Lafarge, Ambuja, Ultratech / equivalent or as approved by Architect / engineer and Steel materials of reputed brand like TATA, SAIL, VIZAG STEEL, SRMB / equivalent or as approved by Architect / engineer only shall be allowed to be used in the work. No Brand of Cement and Steel materials other than the one mentioned herein shall be allowed to be used in the work.

7. The selected contractor shall apply to the Deputy Field Director, STR, W.B. for seeking permission for utilization of land at the proximity of the site for arranging required plant & machineries, store of materials, labour shed, laboratory etc at his own cost and responsibility. All such temporary shed etc shall have to dismantled and all debris etc cleared from site post completion of the work or as directed by the Deputy Field Director, STR, W.B. Once an order to the effect is issued from the Deputy Field Director, STR, W.B. in this regard, it shall be brought to effect by the contractor without contest.
8. The prospective Tenderer shall establish field testing laboratory equipped with requisite instruments and technical staff according to the requirements of works to be executed.
9. The Agency will be liable to maintain the work or working portion at the appropriate service level to the satisfaction of the Deputy Field Director, STR, W.B.; at his own cost for a period of Security Period/Maintenance period which is one year from the date of completion of the work. If any defect/damage is found during the period as mentioned above, the Agency shall make the same good at his own cost. Failure to do so, penal action against the Agency will be imposed by the Government as deem fit.
10. The Agency will have to quote his rate considering the above aspect. Also the Prospective Tenderers shall have to execute the work in such a manner so that appropriate service level of the work is kept during progress of work and the period of Security Period from the date of successful completion of the work to the entire satisfaction of the Deputy Field Director, STR, West Bengal; as is may be considered towards release of "Security Deposit".
11. It must be clearly understood that the quantities of the various items indicated in the schedule or Probable items are approximate only and may be appreciably increased or decreased during actual execution. The contractor shall remain effected by alteration.
12. The contractor 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.
13. Prevailing safety norms has to be followed by the successful Tenderer during execution of the work so that LTI (Loss of time due to injury) is zero.
14. Guiding schedule of rates: For Building Works: Schedule of rates of P.W.D., W.B. with effect from 01.11.2014 and amendments thereof for Building, Sanitary & Plumbing works, materials and labour along with corrigenda and addenda updated till date of issue of NIT.
15. In case of ascertaining Authority at any stage of application or execution of work necessary registered power of attorney is to be produced.
16. To ensure transparency and quality in construction, the contractor shall submit certified waybills and valid GST invoices/bills for all materials used in the work to the Range officer/ Beat officer/ concerned officer of the site. This is to verify that the materials are procured fresh and not from old/unauthorized stock. The following conditions shall apply:

**a) Mandatory Submission:** The contractor shall provide duly certified waybills (transport documents) and GST-compliant tax invoices for all materials supplied to the site, including cement, steel, aggregates, bricks, and other construction materials.

**b)Verification of Authenticity:** The waybills and GST bills must clearly mention the supplier's name, GSTIN, material description, quantity, date of supply, and vehicle details. The bills shall be cross-verified with the delivered materials to ensure no old/expired stock is used.

**c)Consequences of Non-Compliance:** If materials are found without proper GST invoices/waybills, they shall be deemed unauthorized, and the contractor may be liable for replacement at their own cost. Repeated non-compliance may lead to termination of the contract as per tender terms

**Note:-**

- a) Successful Tenderer will be required to obtain valid Registration Certificate & Labour License from respective Regional Labour Offices where construction work by them are proposed to be carried out under the West Bengal Building & other Construction Works' Act, 1996 and the Contract Labour (Regulation & Abolition) Act, 1970 and the same should be submitted to the Deputy Field Director, STR, W.B.
- b) The Successful Tenderer shall have to comply with the provision of (a) the Contract Labour (Regulation & Abolition) Act, 1970 (b) the Apprentice Act, 1961 and (c) the Minimum Wages Act, Amendment up to date (d) the West Bengal Building & other Construction Works' Act, 1996 and the Notifications 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 Dy. Field Director, STR, W.B. 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.

**Additional Note:** As per Gazette Notification on Karmashree scheme issued Vide No.1140 PRD\_33011/1/2024-MGNRTGS SEC dated 07.03.2024, during execution of work, unskilled workers mandatorily be hired from only MGNREGS job card holders, after consultation with local Panchayat. The contractor/Agency need to submit a filled in employment sheet (Annexure-VI) in every 14 days. After completion of work a certificate need to be issued by the contractor/Agency that only job card holders are engaged in the work (Annexure-VII).

(S Jones Justin. IFS)  
Deputy Field Director  
Sundarban Tiger Reserve

Memo No- 2290<sup>(16)</sup> /FD/2B-34(e-Tender)

Date- 30/06/2025

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

- 1) The Additional Principal Secretary to the Government of West Bengal, Department of Forests, Aranya Bhaban, Salt Lake, Sector-III, Kolkata-700091.
- 2) The Principal Chief Conservator of Forests, (Head of Forest Force) West Bengal, Aranya Bhaban, Salt Lake, Kolkata-700098.
- 3) The Principal Chief Conservator of Forests, & CWLW, W.B., Bikash Bhaban, North Block, Salt Lake, Kolkata-700091
- 4) The Addl. PCCF & Director, Sundarban Biosphere Reserve
- 5) The Chief Conservator of Forests and Field Director, Sundarban Tiger Reserve
- 6) The District Magistrate 24 Parganas South District.
- 7) The S.D.O Canning Sub- Division.
- 8) The D.F.O 24 Parganas South Division.
- 9) Office Notice Board.
- 10) The Guard File.

(S Jones Justin, IFS)  
Deputy Field Director  
Sundarban Tiger Reserve

**Section – B**  
**FORM-I**  
**APPLICATION**

To,  
The Deputy Field Director  
Sundarban Tiger Reserve  
Canning Town, 24 Parganas(S), WB

Subject: (Name of the Work with project 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)
- (2) Financial Proposal (Envelop-2/Folder)

Date:\_\_\_\_\_

Signature of authorized officer of the firm:\_\_\_\_\_

Title & Capacity of the officer:\_\_\_\_\_

Name of the Firm with Seal:\_\_\_\_\_

**DIRECTORATE OF FORESTS, GOVT. OF WEST BENGAL**

**Section-B**  
**FORM II**  
**(TO BE FILLED UP BY TENDERER )**

To,  
The Deputy Field Director  
Sundarban Tiger Reserve  
Canning Town, 24 Parganas(S), WB

Dear Sir/ Madam,

Ref:- **Name of the work :-** \_\_\_\_\_  
Tender Reference No. ....

- 1.- I/We refer to the tender notice issued by you for the General Building Works with sanitary & Plumbing works in connection with the above.
1. I/ We do hereby offer to perform, provide execute, complete and maintain the works in conformity with the drawings, conditions of contract, specifications, Schedule of Quantities for the sum of Rs.....( Rupees ..... ) only at the respective quoted percentage above/ below the rates mentioned in the Schedule of Quantities .
2. I/ We have satisfied myself/ ourselves as to the site conditions, examined the drawings and all aspects of tender conditions, subject above, I/ We hereby agree, should this tender be accepted in whole or in part , to:
- (a ) Abide by and fulfil all the terms and provisions of the said conditions annexed hereto;
- b) Complete the works within .....days.
3. I/ We have deposited the earnest money of Rs.....( Rupees ..... ) only which, I/ We note bear, will not bear any interest and is liable for forfeiture.
- Or
- (i) If our offer is withdrawn within the validity period of acceptance.
- (ii) If the contract is not executed within 60 days from the date of receipt of the letter of acceptance. Or
- (iii ) If the work is not commenced within 60 days after issue of work order.
4. I/ We understand that you are not bound to accept the lowest or any tender you receive.

Yours faithfully,

Signature.....  
Designation : .....  
Address : .....

Name of Partners of our Firm:

1. ....  
2. ....

**DIRECTORATE OF FORESTS, GOVT. OF WEST BENGAL**

**(SUBMIT DIFFERENT SHEET FOR DIFFERENT PROJECT)**

Estimate for construction works for :- ( Name of the work)

for use in STR ( e-Tender reference No. .... and Project no.....)

**GENERAL SUMMARY**

Project .No.	NAME OF THE WORK	Rate/Unit	Units	Amount
	<hr/> <hr/> <hr/>	RS <hr/> —	1	RS:- <hr/> —
	TOTAL Rs.			
	(in figures ) <hr/> <hr/>			

Time of Completion: 30 **days** from the date of issuance of Work Order

I/ We offer to execute the work :

- (i) At per with Rs.....as per priced schedule of quantities.  
(ii) .....%.....(in words) above the priced schedule of quantities .  
(iii) .....%.....(in words) below the priced schedule of quantities.

Total: Rs.....( Rupees.....)

In Indian Rupees.....

.....  
Signature of Tenderer  
With official seal

.....  
Signature of Tender Inviting  
Authority

.....  
Signature of Tender Accepting  
Authority

Signature of witness : .....

Name of Witness : .....

Address : .....

**Section – B**  
**FORM – III**  
**STRUCTURE 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: \_\_\_\_\_

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

**DIRECTORATE OF FORESTS, GOVT. OF WESTBENGAL**



**Section-B**

**FORM- IV**  
**EXPERIENCE PROFOILE**

LIST OF PROJECTS COMPLETED THAT ARE SIMILAR IN NATURE TO THE WORKS [REFER  
PARA 6 (a) (i) (ii) (iii) -ELIGIBILITY CRITERIA]

Name of the Employer	Name, Location and nature of work	Name of authorized supervisor or 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 : .....

**DIRECTORATE OF FORESTS, GOVT. OF WESTBENGAL**

**Section-B**

**FORM- V**

**ANNUAL TURNOVER OF LAST THREE FINANCIAL YEAR**

Financial Year	Amount ( in Rs.)
2022-23	
2023-24	
2024-25	

**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 /P.W.D. Department, 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 Deputy Conservator of Forests, Administration, General Direction 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: \_\_\_\_\_

**DIRECTORATE OF FORESTS, GOVT. OF WEST**

## **GENERAL TERMS & CONDITIONS OF CONTRACT**

### **1. INTERPRETATIONS:**

In constructing these conditions, the specifications, the schedule of quantities, tender and Agreement, the following words shall have the meaning herein assigned to them except where the subject of context otherwise requires:

1. The term EMPLOYER/AUTHORITY shall mean Sundarban Tiger Reserve and include its successor and assigns or the Officers authorized to deal with any matters which those presents are concerned on its behalf.
2. The term REPRESENTATIVE shall mean Authorized Official of the Deputy Field Director, STR, W.B.
3. CONTRACTOR shall mean the firm or company or supplier whose tender has been accepted by the employer and includes his (their) heirs, legal representative assigns and successors.
4. SITE shall mean the site of the contract work including any building and erections thereof and any other land adjoining thereto (inclusively as aforesaid allotted by the Employer for the contractor's use).
5. This CONTRACT shall mean Articles of Agreement, these conditions, the schedule of quantities, the general instructions to the Contractor, the specifications, the drawings and correspondences by which the contract is added, amended, valued of modified in any way by mutual consent.
6. ACT OF INSOLVENCY shall mean any act of insolvency as desired by the Presidency Towns
7. Insolvency Act or the Provincial Insolvency Act or any amending statutes.
8. THE WORKS shall mean the work or works to be executed or done under this contract.
9. The DRAWINGS shall mean the drawing or drawings mentioned in Clause (1) and any modifications of them approved by the Architects duly approved by the Employer or any further Working drawings or sketches by the Employer or any further working drawings or sketches which may be furnished or approved in writing by the Employer.
10. The SPECIFICATION shall include the structural specification and general specifications forming part of this contract.
11. The SCHEDULE OF QUANTITIES, BILL OF QUANTITIES shall mean the Schedule or Quantities as specified and forming part of contract.
12. The PRICED SCHEDULE OR QUANTITIES shall mean the schedule duly priced.
13. NOTICE IN WRITING or WRITTEN NOTICE shall mean a notice in writing typed or printed characters sent (unless delivered personally) or otherwise proved to have been received by Registered Post to the last known private or business address as registered office of the addressee and shall be deemed to have been received when in the ordinary course of post it would have been delivered. If the employer feels that the contractor (who has signed the agreement) should himself come & personally meet to the employer for necessary discussion in connection with the work; he must contact personally. In case the contractor (not his authorized person) does not meet personally and intentionally avoids or do not reply the letter, the matter will fall under the breach of the contract. The work progress should be in the proportionate of the time frame set forth for the completion of the works.
14. The term APPROVED DIRECTED or SELECTED mean the approval direction or selection of the Employer and where ever the words ALLOW, INCLUDE, and PROVIDE

occurs the cost of the items is as the risk of the contractor. COMPLETION shall mean that the building in the opinion of the Architects fit for occupation/use.

15. WORDS imputing persons include Firms and Corporation, words imputing the singular only also the plural and vice/versa where the context so requires.

## **2. SCOPE OF WORKS:**

The work to be done is covered in this tender. The same has been detailed in the drawings and schedules of probable items with approximate quantities. It includes furnishing all materials, labour, tools and equipment and management necessary for and incidental to the construction and completion of the work.

All work during its progress and upon completion shall conform to lines elevation and grades as shown on the drawing furnished by the employer. Should any details essential for efficient completion of the work be omitted from the drawings and specifications it shall be the responsibility of the Contractor to inform the Employer and to furnish and install such details with their concurrence, so that upon completion of the proposed work the same will be acceptable and ready for use.

The Tenderers are to note that the scope of work as mentioned may be reduced to any extent which is absolutely at the discretion of the Employer. This reduction of the extent of work should not be a criterion for extra claim in respect of materials stored, establishment and cost incurred or any other losses occurring out of these causes.

The Contractor shall carry out and complete the works in every respect in accordance with this contract and in accordance with the directions and to the satisfaction of Employer who shall be the final authority. The Employer may in their absolute discretion issue further drawings and /or written instructions, details, direction and explanations which are hereafter collectively referred to as the Employer's instructions in regard to:

- The variation or modification of the design, quality or quantity of works or the addition or omission or substitution of any work.

The Contractor shall forthwith comply with and duly execute any work comprised in such Employer's instructions provided always that verbal instructions, directions and explanations given to the Contractor or his representative upon the works by the Employer shall, if involving a variation, be confirmed in writing by the contractor within seven days. No work, for which rates are not specifically mentioned in the priced schedule of quantities, shall be taken up without written permission of the Employer.

Rates of items not mentioned in the Priced Schedule of Quantities shall be fixed by the Employer, as provided in Clause VARIATION. If complete with the Employer's instructions as aforesaid involves work and/or loss beyond that contemplated by the Contract then, unless the same were issued owing to some breach of this contract by The Contractor, the Employer shall pay to the Contractor the price of the said work an extra to be valued as hereinafter provided and /or loss.

## **3. CONTRACTOR NOT TO SUBLET:**

The Contractor shall not without the written consent and approval of the Employer assign the agreement or sublet any portion of the work.

## **4. AGREEMENT:**

The successful Tenderer, if required, may have to enter into an agreement with the Employer. Stamp duty and all other costs connected with execution of such agreement shall be borne by the successful Tenderers.

## **5. MAINTENANCE PERIOD AND DEFECTS AFTER COMPLETION:**

The Contractor shall make good at his own cost and to the satisfaction of Employer all defects, shrinkages or other faults arising in the option of the Employer from workmanship or materials not being in accordance with the drawings or specification of schedule of quantities or the instruction of Employer which may appear within the maintenance period. The maintenance period shall mean a period of maintenance to be calculated from the date of completion of work. The maintenance period shall be maximum twelve months (01 year) after date of supply.

The defect, shrinkage settlements or other faults which may appear within twelve months or monsoon whichever period is longer after the virtual completion of the work (hereinafter called as the defects liability period) arising in the opinion of the Representative who shall be final authority for materials and workmanship not in accordance with the contract, shall upon the directions in writing of the Representative and within such responsible time specified therein, be amended and made good by the Contractor at his own cost unless the Representative shall decide that he ought to be paid for such amendment and for making good and in case of default the Employer may employ and pay other persons to amend and make good such defects, shrinkage, settlement or other faults and all damages loss and expenses shall be recoverable from him by the Employer or may be deducted by the Employer from any money due or that may become due to the Contractor.

## **6. EARNEST MONEY & SECURITY DEPOSIT:**

### **EARNEST MONEY:**

Earnest money as in tender notice has to be deposited along with the tender. No tender will be considered without the above deposit.

### **SECURITY DEPOSIT:**

- a) The successful Tenderer to whom a Letter of Acceptance has been issued shall submit within 10 (ten) days from the date of Letter of Acceptance, deposit an amount equal to 10% of the projected cost will be deposited through GRIPS in favour of the Deputy Field Director, Sundarban Tiger Reserve . Failure to deposit the Security Deposit as aforesaid within the specified time will constitute a breach of the contract rendering the contract liable to termination with forfeiture of the security to the extent of amount of the initial
- b) Earnest money is to be deposited with the tender without any reference to the Tenderer. The entire security deposit (including earnest money furnished with the tender, amount deposited at the time of execution agreement and amount deducted from progressive bills) shall be held till the work is completed in all respects the full satisfaction of the Employer and till the expiration of the maintenance period. Employer shall not pay interest on the Earnest Money and Security Deposit

## **7. COMMENCEMENT AND COMPLETION OF WORK:**

### **EXTENSION OF TIME AND LIQUIDATED DAMAGES FOR DELAY:**

The entire work is to be completed in all respects in stipulated times as mentioned in the Tender Notice from the date of issue of work order. Time is essence of contract and shall be strictly observed; by the Contractor. The date of commencement of the work shall be the date on which the work order is issued to the Contractor or the date when the Contractor take possession of the site officially whichever is later.

The Contractor shall complete the work in all respects to the satisfaction of Employer within the stipulated time, failing which the Contractor shall be bound to pay compensation at the rate of ½ per cent (half per cent) over the total tendered value of work for delay of every week or part of a week by way of liquidated damages and not as a penalty. Provided always that the entire amount of compensation to be paid under the provision of; this clause shall not exceed 10 per cent of the

contract price. The payment or deduction of such damages shall not relieve the Contractor of; his obligation to complete the work or from any other obligation and liability under the contract.

The Contractor shall within five (5) days of receipt of intimation that his tender has been accepted submit to the Employer an abstract programme of work so drawn as would enable him to complete the work within the time contemplated. The abstract programme must indicate the work within the time contemplated. The abstract programme must indicate dates of starting and completion of respective parts of sections of the work. The abstract programme would be subjected to the approval of the Employer who will have the power of making such modification therein as found necessary. The actual progress as compared with this chart will be reviewed periodically.

If the Contractor be delayed in the progress of the work by; exceptional weather conditioned civil commotion, strike or lock-outs, fire, unusual delay in transportation unavoidable casualties, act of public enemy, Acts of the Government, Any Acts of the Authority or of another Contractor in the performance of his contract with the Employer or any other causes beyond the Contractor's control, the Contractor shall apply in writing to the Employer for an extension of time of the Completion of work or the part or section concerned within ten days of such occurrence, but before the expiry of the stipulated date of completion.

The Employer shall on such application make an enquiry and may grant such extension of time as they think justified. The decision of the Employer in this respect shall be final and binding on the Contractor. The work shall not be considered as completed until the Employer has certified in writing that they have been completed and the maintenance period shall commence from the date of such certificate.

- Payment shall be made electronically to the Contractor through Treasury, Canning by the Employer on the certified bills of the Representative of the employer. All bids shall be prepared by the Contractor in the Form prescribed by the employer. The payment may be delayed some time for non receiving of fund in time.

#### **8. ESCALATION OF PRICES:**

- The rates quoted by the Contractor shall be firm throughout the tenure of the contract (including extension of time, if any granted) and will not be subject to any fluctuation due to increase in cost of materials, labour, sales tax, Octroi etc.

#### **9. TERMINATION OF CONTRACT BY EMPLOYER:**

If the Contractor (being an individual or a firm commit any Act of Insolvency or shall be adjusted an insolvent or shall make an assignment or composition of the greater part in number or amount of his creditors or shall enter into a deed of assignment with his creditors, or (being incorporated company, shall have an order made against him or pass an affective Resolution for winding up either compulsorily or subject to the supervision at the Court of voluntarily, or if the official

Assignee of the Contractor shall repudiate the contract, or if the official Assignee or the Liquidator in any such winding up shall be unable within 7 days after notice to him requiring him to do so, to show to the responsible satisfaction of the Employer that he is able to carry out and fulfil the contract and if required by the Employer to give security or if the Contractor (whether an individual firm or incorporated company) shall suffer any payment under this contract to be attached by or on behalf of any of the creditors of the Contractor or if the Contractors shall assign or sublet the contract without the consent in writing of the Employer first obtained or if the Contractor shall charge or encumber this contract or any payment due to which may become due to the Contractor there under, or if the Employer shall certify in writing of that in his opinion the Contractor:

- has abandoned the contract, or

- has failed to commence the work, or has without any lawful excuse under these conditions suspended the progress of the work for 14 days after receiving from the Employer written notice to proceed, or
- has failed to proceed with the work such due diligence and failed to make such due progress as would enable the work to be completed within the time agreed upon, after receiving from Employer to employ more men, or,
- has failed to remove materials from site or to pull down and retained work within 7 days after receiving from the Employer as written notice that the said materials or work were condemned or rejected by the Employer under those conditions, or,
- has neglected or failed persistently to observe and perform all or any of the acts, matter or things by this contract to be observed and performed by the Contractor for 7 days after written notice shall have been given to the contract requiring the Contractor to observe or perform the same, or
- has to the detriment of good workmanship or define of the Employers instruction to the contrary sub-let any part of the contract.

Then and in any of the said causes the Employer notwithstanding any previous order after giving 7 days notice in writing to the Contractors, determine the contract, but without thereby affecting the powers of the Employer of the obligations and liabilities of the Contractor, the whole of which shall continue to be in force as fully as if the Contractor has not been so determined and as if the works subsequently executed has been executed by or on behalf of the Contractor, and further the Employer his agents, or servants, may enter upon and take possession of the works and all plants, tools, scaffolding, sheds, machinery steam and other power, utensils and materials, lying upon the premises or the adjoining lands or roads and use the same as his own property or may employ the by means of his own servants and workman in carrying on and completing the work or by employing any other Contractors or other persons or person to complete the work, and the Contractor shall not in any way interrupt, or do any etc., matter, or thing to prevent or hinder such other Contractor or other person or persons employed for completing and finishing or using the materials and plant for the work.

When the works shall be completed or as soon thereafter as convenient the Employer shall give a notice in writing to the Contractor to removed his surplus materials and plant and should the Contractor fail to do so within a period of 14 days after receipt thereof by him, the Employer may sell the same by public auction and hall give credit to the Contractor or for the amount so realized.

The employer shall thereafter ascertain and certify in writing under his hand that (if anything) shall be due or payable to or by the Employer, for the value of the said plant and materials so taken possession of by the Employer and the expense or loss which the Employer shall have been put to in getting the work to be so completed and the amount if any owing to the Contractor and the amount which shall be certified shall thereupon be paid by the Employer, as the case may be and the certificate shall thereupon be paid by the Employer, as the case may be and the certificate of the Employer shall be final and conclusive between the parties.

#### **10. SETTLEMENT OF DISPUTE, ARBITRATION:**

Except where otherwise provided in the Contract, all questions and disputes relating to the meaning of the specifications, designs, drawings and instruction herein before mentioned and as to the quality of workmanship or materials used on the work, or as to any other question, claim, rights, matter, or things whatsoever, in any way arising out of or relating to the contract, design, drawings, specifications estimates, instructions, orders or these conditions or otherwise concerning the works or the execution or failure or execute the same, whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the sole arbitration of the Chief Conservator of Forests, & Field Director, Sundarban Tiger Reserve, Govt. of West Bengal.



Should the Chief Conservator of Forests, & Field Director, Sundarban Tiger Reserve, West Bengal, be for any reason unwilling or unable to act as such arbitrator, such questions and disputes shall be referred to an arbitrator to be appointed by the DIRECTORATE OF FORESTS, GOVT OF WEST BENGAL, Kolkata. The award of the arbitrator shall be final, conclusive and binding both parties to this contract and no suit shall lie in Civil Court in respect of the award by the Arbitrator.

Sd/-

(S Jones Justin, IFS)  
Deputy Field Director  
Sundarban Tiger Reserve

## **INSTRUCTION TO BIDDERS (ITB)**

### **A-1) Statutory Cover containing**

1. Application (ITB, Section B (Form I, Form II Form III Form IV))
2. GRIPS Challan towards cost of tender documents (Tender Fees) as prescribed in the N.I.T. against each serial of work in favour of "The Deputy Field Director, Sundarban Tiger Reserve", payable in Canning Town. (properly downloaded, digitally signed and uploaded )
3. Earnest Money Deposit (EMD) as prescribed in the N.I.T will be deposited through GRIPS in favour of the Deputy Field Director, Sundarban Tiger Reserve (properly downloaded, digitally signed and uploaded)
4. ITB (properly downloaded, digitally signed and uploaded )
5. Tender Form (properly downloaded, digitally signed on both the pages and upload the same)
6. 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.
7. Technical Specifications (properly downloaded, digitally signed and uploaded )

### **A-2) Non-Statutory Cover containing:**

Certificates:

- a) Valid and up to date Professional Tax (PT) deposit receipt challan.
  - b) GST registration Certificate.
  - c) Income Tax Return Acknowledgement Receipt.
  - d) Income Tax PAN Card.
  - e) Voter ID Card
- 
1. Proprietorship Firm - Trade Licence
  2. Partnership Firm - Registered Deed of partnership Firm, Registered Power of Attorney, Trade Licence.
  3. Private Limited Company - Registration Certificate under Company Act, Memorandum of Association (MOA) & Articles of Association (AOA), Registered Power of Attorney, Trade Licence.
  4. 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.
    - b. Bye-laws duly approved by the Assistant Registrar of Co-operative Societies.

- c. Name with address and signature of the present Board of Directors of the Co-operative Society.
- d. 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.
5. Organization chart showing the structure of the company with names of Key personnel and Technical Staff with Bio-data along with Structure & Organization. (ITB, Section – B, Form – III). vii) Affidavit (Ref:- format shown in "Affidavit - Y" of ITB, Section -B).
6. Credential for satisfactorily completion as a prime agency during the last 3 (three) years prior to the date of issue of this Tender Notice. 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.

#### **DIRECTORATE OF FORESTS, GOVT. OF WESTBENGAL**

Name of Work: Maintenance of Staff Toilet at MIC( Mangrove Interpretation Centre)											
Location : Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve, South 24 Parganas											
Head of Service : 23-2406-02-110-00-027-V-19-00											
Scheme : Nature Conservation											
(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendment)											
Sl.no & page no	Description of Items	No	Length	Breadth	Height	Quantity	Unit	Rate	Rate+22.5% Riverine ( not applicable for SL-1,2,& 3)	Amount	
(For Staff toilet)											
1 10/3.	Dismantling R.C. floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. (a) In ground floor including roof.	10	2.00	0.30	0.3	1.80 1.80	cum	1956.00	1956.00	3520.80	
2 10/1.	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	3	3.00	2.00	0.125	2.25 2.25	cum	447.00	447.00	1005.75	
3 11/10.	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	10	3.00	3.00		90.00 90.00	sqm	19.00	19.00	1710.00	
4 26/10.	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety	5	2.00	2.00	0.1	2.00 2.00	cum	6346.00	7773.85	15547.70	
5 16/16	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor. Wall	1	15.00	2.8		42.00 42.00	sqm	736.00	901.60	37867.20	
6 189/1	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 course, scaffolding/staging where necessary (Ground floor). (Excluding cost of chipping over concrete surface) (ii) With 1:4 cement mortar (c) 10 mm thick plaster					100.00	sqm	133.00	162.93	16293.00	
7	Supplying fitting approved type ventilator in position after cutting holes in										

40/29	walls setting in cement mortar mending damages to wall and plaster and two coats of paint of approved brand of any shade. Payment of mending good damages of wall & plaster and painting to be made separately. (b) R.C.C ventilator of 20 mm. thick (ii) Above 0.10 sq.m. area				1.00	Each	129.00	158.03	158.03
8	Supplying and laying true to line and level Double Charge								
69/41	Vitrified Tiles of approved brand conforming to IS 15622: 2006 (Group B I a) and tested as per IS 13630:2006 (relevant parts) [Non-modular sizes for tiles with Water Absorption (av.) $\leq 0.08\%$ in floor, skirting etc. using polymerised adhesive of 6mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course and joints grouted with admixture of white epoxy grout materials of approved brand including spacer -2mm as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials,labour and all other incidental charges complete as per direction of Engineer-in-Charge. (Note: This work should not be executed without specific permission of Superintending Engineer) (b) In Ground Floor:(size not less than 800mmX 800 mm X 10.2 mm thick)	1	4.00	2.5	10.00 10.00	sqm	2613.00	3200.93	32009.30
9	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of 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) Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.								
64/35	(a) Area of each tile upto 0.09 Sq.m (i) Coloured decorative	1	25.00	1.5	37.50 37.50	sqm	757.00	927.33	34774.88
10	Supplying, Fitting & Fixing Factory made prelaminate P.V.C. door frame of size 50 mmx47 mm with a wall thickness of 5 mm, made out of extruded 5 mm Prelaminated PVC sheet miter cut at two corners and joined with two nos of 1.5 mm long brackets of 15 mm x15 mm M.S. square tube. The two vertical door profiles are to be reinforced with 19 mmx 19 mm M.S. Square tube of 19 gauge, weather seal to be provided through out the frame. The door frame shall be fixed with the wall using 65/100 mm M.S. Screws through the frame by using P.V.C fasteners. A minimum of 4 Nos of screws to be provided for each vertical member and minimum 2 Nos for horizontal member etc. complete as per Manufacturer's specification and direction of Engineer-in-Charge.	2	4.95		9.90	Mtr	385.00	471.63	4669.14

11 131/23	Providing and fixing 30 mm thick factory made solid PUF (Poly Urethane Foam) core solid PVC shutter shall consists of periferial frame made out of 19 mmX 19mm 19 gauge M S Tube . The core panel shall consist of 20 mm thick high density of PUF conforming to IS:12436-1988. 5 mm thick PVC sheet to be fixed on both face of the MS frame. The door on all the edge to be sealed with lipping of 10 mm (5x2 mm) thick x 20 mm wide PVC sheet by using solvent cement.20 mm th. partcle board should be Inserted for locking arrangement. b) Single pices extruded Puf insulated door shutter of both side laminated wood grains decorative Finish	2	1.00	2.0	4.00 4.00	sqm	4237.00	5190.33	20761.32	
12 79/3	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (b) With 'S' trap (with vent)					2.00	each	3287.00	4026.58	8053.16
13 41/1	Wash basin vitreous china of approved make (without fittings) supplied,fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets. (i) 450 mm X 300 mm size					2.00	each	1155.00	1414.88	2829.76
14 36/1	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approved make with either side or bottom inlet, side overflow, brackets complete with all internal PVC fittings. White					2.00	each	2297.00	2813.83	5627.66
15 43/9	Supplying,fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. (iii) 600 mm long					4.00	each	107.00	131.08	524.32
16 6/7.	Supplying, fitting and fixing bib cock or stop cock. (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) (ii) Chromium plated Concealed Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).					4.00 4.00	each	659.00 674.00	807.28 825.65	3229.12 3302.60
17 81/15	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. (ii) 600 mm X 450 mm					2.00	each	484.00	592.90	1185.80
18 82/18	Supplying, fitting and fixing soap holder. (a) PTMT (Prayag or equivalent)					4.00	each	135.00	165.38	661.52
19 82/22	Supplying, fitting and fixing towel rail with two brackets. (b) Aluminium (ii) 25 mm dia. and 600 mm long					4.00	each	164.00	200.90	803.60

20 37/6	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity	1.00	each	5128.00	6281.80	6281.80
21 12/19.1	Supplying, fitting and fixing PVC pipes of approved make of (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) (b) For Concealed Work 25 mm	20.00	Mtr	205.00	251.13	5022.60
22 212/21	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 materials (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete. A) UPVC Pipes: i) 75 mm. Dia. B) UPVC Fittings: c) Bend 87.5 degree (ii) 110 mm. Dia. d) Shoe (ii) 110 mm. Dia.	10.00	Mtr	188.00	230.30	2303.00
		4.00	Nos	140.00	171.50	686.00
		4.00	Nos	111.00	135.98	543.92
			<b>Total</b>			<b>209371.98</b>
			<b>GST @ 18%</b>			<b>37686.96</b>
			<b>Labour welfare cess @1%</b>			<b>2470.59</b>
			<b>Total cost Rs.</b>			<b>2,49,529.53</b>
			<b>Round off</b>			<b>2,49,530.00</b>
						<b>(Rupees two lakh forty-nine thousand five hundred thirty only)</b>

Estimate is prepared as per P.W.D schedule rates-2017  
& following amendment.

Prepared by

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

Checked & Verified

  
**S Jones Justin, IFS**  
Deputy Field Director  
Sundarban Tiger Reserve

Counter-signed & Vetted

  
**Rajendra Jakher, IFS**  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

<b>Work : Estimate for Maintenance of Chain-link Fencing By way of Replacement of Worn-out Chain-links(75 Mtr.)</b> <b>Location : Khatuajhuri under Bashirhat Range of Sundarban Tiger Reserve, South 24 Parganas</b> <b>Head of Service : 23-2406-02-110-00-027-V-19-00</b> <b>Scheme: Nature Conservation</b> (Followed by P.W.D Building Schedule – 01.11.2017 and Following amendments)										
SL.no & page no	Description of work	No	Length	Breadth	Height	Unit	Quantity	Rate	Rate+22.5% Riverine(not applicable for SL.No.-I)	Amount
1 225/10	Labour for replacement of damaged or broken portion of wave wire or similar net in fencing including cutting and removing the net of the affected bay and restoring the gap with new net and fitting fixing the same in taut condition and also tightening and securing the adjacent affected bays (including the cost of new staples and of labour for fixing such new staples) (b) Net above 1350 mm. height		75.00			Mtr	75.00	17.52	17.52	1314.00
2 24/4(a)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. a) Pakur Variety	15 1	0.25 75.00	0.25 0.25	0.3 0.075	cum cum	0.28 1.41 1.69	5884.00	7207.90	12181.35
3 99/1.II	II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m(6mm thickness 2"/2"Angle-9kg/m) (15 nos. x 3.6 Mtr.)=54 Mtr. X 9 Kg /Mtr=486 Kg/1000= .49 MT	15	3.60			MT	0.49	73761.00	90357.23	44275.04
4 222/11	Supplying, fitting, fixing, Chain link fencing of approved quality with R.C.C posts wooden posts or iron posts by means of galvanised "C" clips to grid of horizontal strands of galvanised high tensile spring steel wire of 12 S.W.G which have to be tensioned and fixed to the vertical posts by means of galvanised special clips, bolts and nuts etc. (III) 75 mm. x 75 mm. x 8 g.	1	75.00		3.00	sqm	225.00	335.00	410.38	92335.50
5 221/7	Supplying 6 ply galvanised strand wire 19 gauge fitted and fixed complete with necessary eyes, hook and straining bolts (excluding the cost of straining bolts.)	1	219.62			Mtr	219.62	29.00	35.53	7803.10
6	(A) Painting with best quality synthetic									

200/2 enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :  
(b) On steel or other metal surface :  
(ii) Two coats (white in shade)

1/2	70.00	3.00	sqm	105.00	77.00	94.33	9904.65
				Total			167813.64
				GST @ 18% of the Total			30206.46
				Labour welfare cess @1% of the Total			1980.20
				Total cost Rs.			200,000.30
				Round off			200,000.00
							(Rupees two lakh only)

**Estimate is prepared as per P.W.D schedule rates-2017 & following amendments.**

**Prepared by**

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

**Checked & Verified**

  
**S Jones Austin, IFS**  
Deputy Field Director  
Sundarban Tiger Reserve

**Countersigned & Vetted**

  
**Rajendra Jakher, IFS**  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve



Work : Estimate for Maintenance of Chain-link Fencing By way of Replacement of Worn-out Chain-links(75 Mtr.)										
Location : Chamta under National Park (East) Range of Sundarban Tiger Reserve, South 24 Parganas										
Head of Service : 23-2406-02-110-00-027-V-19-00										
Scheme: Nature Conservation										
(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)										
SL.no & page no	Description of work	No	Length	Breadth	Height	Unit	Quantity	Rate	Rate+22.5% Riverine(not applicable for SL No.-I)	Amount
1 225/10	Labour for replacement of damaged or broken portion of wove wire or similar net in fencing including cutting and removing the net of the affected bay and restoring the gap with new net and fitting fixing the same in taut condition and also tightening and securing the adjacent affected bays (including the cost of new staples and of labour for fixing such new staples) (b) Net above 1350 mm. height		75.00			Mtr	75.00	17.52	17.52	1314.00
2 24/4(a)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. a) Pakur Variety	15 1	0.25 75.00	0.25 0.25	0.3 0.075	cum cum	0.28 1.41 1.69	5884.00	7207.90	12181.35
3 99/1.II	II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m(6mm thickness 2"/2" Angle-9kg/m) (15 nos. x 3.6 Mtr.)=54 Mtr. X 9 Kg/Mtr=486 Kg/1000= .49 MT	15	3.60			MT	0.49	73761.00	90357.23	44275.04
4 222/11	Supplying, fitting, fixing, Chain link fencing of approved quality with R.C.C posts wooden posts or iron posts by means of galvanised "C" clips to grid of horizontal strands of galvanised high tensile spring steel wire of 12 S.W.G which have to be tensioned and fixed to the vertical posts by means of galvanised special clips, bolts and nuts etc. (III) 75 mm. x 75 mm. x 8 g.	1	75.00		3.00	sqm	225.00	335.00	410.38	92335.50
5 221/7	Supplying 6 ply galvanised strand wire 19 gauge fitted and fixed complete with necessary eyes, hook and straining bolts (excluding the cost of straining bolts.)	1	219.62			Mtr	219.62	29.00	35.53	7803.10
6	(A) Painting with best quality synthetic									

200/2 enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :  
(b) On steel or other metal surface :  
(ii) Two coats (white in shade)

1/2	70.00	3.00	sqm	105.00	77.00	94.33	9904.65
				Total			
				GST @ 18% of the Total			
				Labour welfare cess @ 1% of the Total			
				Total cost Rs.			
				Round off			
							167813.64
							30206.46
							1980.20
							200,000.30
							200,000.00
							(Rupees two lakh only)

Estimate is prepared as per P.W.D schedule rates-2017 & following amendments.

Prepared by

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

Checked & Verified

  
S. Jones Justin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

Countersigned & Vetted

  
Rajendra Jakher, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

Work : Estimate for Maintenance of Chain-link Fencing By way of Replacement of Worn-out Chain-links(75 Mtr.)										
Location : Haldibari under National Park (West) Range of Sundarban Tiger Reserve, South 24 Parganas										
Head of Service : 23-2406-02-110-00-027-V-19-00										
Scheme: Nature Conservation										
(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)										
Sl.no & page no	Description of work	No	Length	Breadth	Height	Unit	Quantity	Rate	Rate+22.5% Riverine(not applicable for SL No.-1)	Amount
1 225/10	Labour for replacement of damaged or broken portion of wove wire or similar net in fencing including cutting and removing the net of the affected bay and restoring the gap with new net and fitting fixing the same in taut condition and also tightening and securing the adjacent affected bays (including the cost of new staples and of labour for fixing such new staples) (b) Net above 1350 mm. height		75.00			Mtr	75.00	17.52	17.52	1314.00
2 24/4(a)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. a) Pakur Variety	15 1	0.25 75.00	0.25 0.25	0.3 0.075	cum cum	0.28 1.41 1.69			
							5884.00	7207.90		12181.35
3 99/1.II	II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m(6mm thickness 2"/2"Angle-9kg/m) (15 nos. x 3.6 Mtr.)=54 Mtr. X 9 Kg/Mtr=486 Kg/1000= .49 MT	15	3.60			MT	0.49	73761.00	90357.23	44275.04
4 222/11	Supplying, fitting, fixing, Chain link fencing of approved quality with R.C.C posts wooden posts or iron posts by means of galvanised "C" clips to grid of horizontal strands of galvanised high tensile spring steel wire of 12 S.W.G which have to be tensioned and fixed to the vertical posts by means of galvanised special clips, bolts and nuts etc. (III) 75 mm. x 75 mm. x 8 g.	1	75.00		3.00	sqm	225.00	335.00	410.38	92335.50
5 221/7	Supplying 6 ply galvanised strand wire 19 gauge fitted and fixed complete with necessary eyes, hook and straining bolts (excluding the cost of straining bolts.)	1	219.62			Mtr	219.62	29.00	35.53	7803.10
6	(A) Painting with best quality synthetic									

200/2 enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :  
(b) On steel or other metal surface :  
(ii) Two coats (white in shade)

1/2	70.00	3.00	sqm	105.00	77.00	94.33	9904.65
<b>Total</b>							167813.64
<b>GST @ 18% of the Total</b>							30206.46
<b>Labour welfare cess @1% of the Total</b>							1980.20
<b>Total cost Rs.</b>							200,000.30
<b>Round off</b>							200,000.00

(Rupees two lakh only)

Estimate is prepared as per P.W.D schedule rates-2017 & following amendments.

Prepared by

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

Checked & Verified

  
**S Jones Justin, IFS**  
Deputy Field Director  
Sundarban Tiger Reserve


Countersigned & Vetted

  
**Rajendra Jakhar, IFS**  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

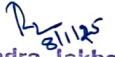
Name of Work : Estimate for Maintenance of Chain-link Fencing by way of Replacement of Worn-out Chain-links(50 Mtr.)										
Location : Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve, South 24 Parganas										
Head of Service : 23-2406-02-110-00-027-V-19-00										
Scheme : Nature Conservation										
(Followed by P.W.D Building Schedule – 01.11.2017 and Following amendments)										
Sl.no & page no	Description of work	No	Length	Breadth	Height	Unit	Quantity	Rate	Rate+22.5% Riverine(not applicable for SL No.-I)	Amount
1 225/10	Labour for replacement of damaged or broken portion of wove wire or similar net in fencing including cutting and removing the net of the affected bay and restoring the gap with new net and fitting fixing the same in taut condition and also tightening and securing the adjacent affected bays (including the cost of new staples and of labour for fixing such new staples) (b) Net above 1350 mm. height		50.00			Mtr	50.00	17.52	17.52	876.00
2 24/4(a)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes. a) Pakur Variety	9 1	0.25 50.00	0.25 0.25	0.3 0.075	cum cum	0.17 0.94 1.11	5884.00	7207.90	8000.77
3 99/1.II	II) For Structural Works in Roof Trusses etc. using joists, channels and angles of specified section weighing less than 22.5 kg/ m(6mm thickness 2"/2"Angle-9kg/m) ( 9 nos. x 3.6 Mtr)=32.4 Mtr x 9 kg/mtr=291.6 kg/1000=.29 MT	9	3.60			MT	0.29	73761.00	90357.23	26203.60
4 222/11	Supplying, fitting, fixing, Chain link fencing of approved quality with R.C.C posts wooden posts or iron posts by means of galvanised "C" clips to grid of horizontal strands of galvanised high tensile spring steel wire of 12 S.W.G which have to be tensioned and fixed to the vertical posts by means of galvanised special clips, bolts and nuts etc. (III) 75 mm. x 75 mm. x 8 g.	1	50.00		3.00	sqm	150.00	335.00	410.38	61557.00
5 221/7	Supplying 6 ply galvanised strand wire 19 gauge fitted and fixed complete with necessary eyes, hook and straining bolts									

(excluding the cost of straining bolts.)		1	151.05	Mtr	151.05	29.00	35.53	5366.81
6	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :							
200/2	(b) On steel or other metal surface : (ii) Two coats (white in shade)	1/2	50.00	3.00 sqm	75.00	77.00	94.33	7074.75
								109078.93
								19634.21
								1287.13
								130,000.27
								130,000.00
								(Rupees one lakh thirty thousand only)

Estimate is prepared as per P.W.D schedule rates-2017 & following amendments.

Prepared by  
  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

Checked & Verified  
  
S Jones Justin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

Countersigned & Vetted  
  
Rajendra Jakher, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

27

Work : Estimate for Maintenance of Wooden Staff Barrack										
Location : Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve										
Head of Service : 23-2406-02-110-00-027-V-19-00										
Scheme : Nature Conservation										
(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)										
SL.no & page no	Description of work	No	Length	Breadth	Height	Unit	Quantity	Rate	Rate+22.5% Riverine	Amount
1 137/8	Rough dressed timber planks fitted and fixed with nut bolts excluding framework complete : (i) 25mm thick planks (a) Sal Malayasian(Kopur wood or light weight)	15 20	3.00 3.00	0.25 0.25		sqm sqm sqm	11.25 15.00 26.25	1760.00	2156.00	56595.00
2 173/2	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge. [excluding the cost of supporting frame work and teak wood batten/Lipping] (iv) 12mm	1 1	6.00 6.00	2.00 2.00		sqm sqm	12.00 12.00 24.00	1709.00	2093.53	50244.72
3 152/32	Taking out door and window shutters and rehangng the same with old fittings. (a) With new iron screws.	6 6	1.20 1.20	1.20 1.20		sqm sqm	8.64 8.64 17.28	78.00	95.55	1651.10
4 137/7	Scantling upto 50mm wide and 12mm thick (chamfering or rounding) for ceiling/partion battens including fitting, fixing in position with washers, coach screws etc. complete.: (a) Ordinary teak					Mtr Mtr	50.00 45.00 95.00	104.00	127.40	12103.00
5 222/11	Supplying, fitting, fixing, Chain link fencing of approved quality with R.C.C posts wooden posts or iron posts by means of galvanised "C" clips to grid of horizontal strands of galvanised high tensile spring steel wire of 12 S.W.G which have to be tensioned and fixed to the vertical posts by means of galvanised special clips, bolts and nuts etc. (VII) 12.5 mm. x 12.5m. x 12 g.	1 2	12.00 3.00	2.50 2.50		sqm sqm	30.00 15.00 45.00	549.00	672.53	30263.85



6  
90/2

Supplying and laying standard four course bituminous water proofing treatment as per specification laid down in I.S. 1346 - 1991 to be finished with pea size gravel including necessary preparatory works such as shaping mouth of outlets, cutting as and where necessary and refilling with sand and Cement mortar (4:1) or Cement Concrete (1:2:4) with graded stone chips before undertaking the treatment including cutting grooves in parapet and inserting edge of felt and mending good damage complete in all respect as per direction of Engineer - in - Charge including cost of all materials and labours and incidental charges but excluding the cost of Cement Mortar or concrete required for levelling and grading. (In sloped roof Course sand of approved varieties is to be used in place of Pea size gravels as fourth and final course.)

- i) 1st and 3rd Course with bonding materials of hot applied industrial blown type bitumen of grade 85/25 or 90/15 conforming to I.S.702 - 1988 @ 12Kg/10Sq.m on each layer.
  - ii) 2nd course with Hessian base self finished bitumen type- 3 Gr.-I conforming to I.S. 1322-1993 (weighing 23kg/10Sq.m gross with bitumen content 12.10kg/10Sq.m ) tested under the provision of I.S. 13826 - 1993 part VII
  - iii) 4th course with washed and clean pea sized gravel or grit @ 0.006 cum/Sq.m.
- B. Over Sloped Roof.

1	10.00	7.50	sqm	75.00				
1	10.00	7.50	sqm	75.00				
				150.00	318.00	389.55	58432.50	
				<b>Total</b>			<b>209290.17</b>	
				<b>GST @ 18% of the Total</b>			<b>37672.23</b>	
				<b>Labour welfare cess @1% of the Total</b>			<b>2469.62</b>	
				<b>Total cost Rs.</b>			<b>2,49,432.02</b>	
				<b>Round off</b>			<b>2,49,432.00</b>	
				<b>(Rupees two lakh forty-nine thousand four hundred thirty-two only)</b>				

**Estimate is prepared as per P.W.D schedule rates-2017 & following amendments.**

This work not included in any other proposals of current financial year


**Prepared By**

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

**Checked & Verified**

  
S Jones Justin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

**Countersigned & Vetted**

  
Rajendra Jakher, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve



<b>Work : Estimate for Maintenance of Drain for Passage of Sewage</b>										
<b>Location : Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve, South 24 Parganas</b>										
<b>Head of Service : 23-2406-02-110-00-027-V-19-00</b>										
<b>Scheme : Nature Conservation</b>										
<b>(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)</b>										
<b>Sl.no &amp; page no</b>	<b>Description of work</b>	<b>No</b>	<b>Length</b>	<b>Breadth</b>	<b>Height</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Rate+22.5% Riverine</b>	<b>Amount</b>

1 24/5(i)	Controlled Cement concrete with well graded stone chips (20 mm graded 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] M 20 Grade (i) Pakur Variety	1	200.00	0.60	0.075	9.00	cum	6754.00	8273.65	74462.85
2 43/40	Reinforcement for reinforced concrete work in all sorts of structures 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. (a) For works in foundation and upto roof of ground floor/upto 4 m (i) Tor steel/Mild Steel I. SAIL/ TATA/RINL					0.51	MT	55214.35	67637.58	34495.17
3 42/36	Hire and labour charges for shuttering with centering and necessary staging upto 4 m 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) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.	1	400.00	0.10		40.00	sqm	335.00	410.38	16415.20

Total	125373.22
GST @ 18% of the Total	22567.18
Labour welfare cess @1% of the Total	1479.40
Total cost Rs.	149,419.80
Round off	149,420.00
(Rupees one lakh forty-nine thousand four hundred twenty only)	

Estimate is prepared as per P.W.D schedule rates-2017  
& following amendments.

Prepared by

Sub-Assistant Engineer  
Sundarban Tiger Reserve

Checked & Verified

S Jones Austin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

Countersigned & Vetted

Rajendra Jakher, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

30

<b>Work: Estimate for Maintenance of Roof of SIC( Sundarban Interpretation Centre) By way of Bituminous Water Proofing Treatment</b>										
<b>Location : Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve, South 24 Parganas</b>										
<b>Head of Service : 23-2406-02-110-00-027-V-19-00</b>										
<b>Scheme : Nature Conservation</b>										
<b>(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)</b>										

SL no & page no	Description of work	No	Length	Breadth	Height	Unit	Quantity	Rate	Rate+22.5% Riverine	Amount
1 90/2	Supplying and laying standard four course bituminous water proofing treatment as per specification laid down in I.S. 1346 - 1991 to be finished with pea size gravel including necessary preparatory works such as shaping mouth of outlets, cutting as and where necessary and refilling with sand and Cement mortar (4:1) or Cement Concrete (1:2:4) with graded stone chips before undertaking the treatment including cutting grooves in parapet and inserting edge of felt and mending good damage complete in all respect as per direction of Engineer - in - Charge including cost of all materials and labours and incidental charges but excluding the cost of Cement Mortar or concrete required for levelling and grading. (In sloped roof Course sand of approved varieties is to be used in place of Pea size gravels as fourth and final course.) i) 1st and 3rd Course with bonding materials of hot applied industrial blown type bitumen of grade 85/25 or 90/15 conforming to I.S.702 - 1988 @ 12Kg/10SqM on each layer. ii) 2nd course with Hessian base self finished bitumen type-3 Gr.-I conforming to I.S. 1322-1993 (weighing 23kg/10SqM gross with bitumen content 12.10kg/10SqM ) tested under the provision of I.S. 13826 - 1993 part VII iii) 4th course with washed and clean pea sized gravel or grit @ 0.006 cum/Sqm. B. Over Sloped Roof.	1	20.00	20.00		sqm	400.00	318.00	389.55	155820.00

<b>Total</b>	<b>155820.00</b>
<b>GST @ 18% of the Total</b>	<b>28047.60</b>
<b>Labour welfare cess @ 1% of the Total</b>	<b>1838.68</b>
<b>Total cost Rs.</b>	<b>1,85,706.28</b>
<b>Round off</b>	<b>1,85,706.00</b>
<b>(Rupees one lakh eighty-five thousand seven hundred six only)</b>	

Estimate is prepared as per P.W.D schedule rates-2017 & following amendments.

Prepared by

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

Checked & Verified

  
S. Jones Justin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

Countersigned & Vetted

  
Rajendra Jakher, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

<b>Work : Estimate for Maintenance of Eco-Tourism Range Office</b>									
<b>Location : Sajnekhali under S.W.L.S Range of Sundarban Tiger Reserve, South 24 Parganas</b>									
<b>Head of Service : 23-2406-02-110-00-027-V-19-00</b>									
<b>Scheme : Nature Conservation</b>									

(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)

<i>Sl.no &amp; page no</i>	<i>Description of work</i>	<i>No</i>	<i>Length</i>	<i>Breadth</i>	<i>Height</i>	<i>Unit</i>	<i>Quantity</i>	<i>Rate</i>	<i>Rate+22.5% Riverine(not applicable for Sl. No.-1,2)</i>	<i>Amount</i>
1 1/2(a)	Earth work 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, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.	10	0.50	0.50	1.00	cum cum	2.50 2.50	119.27	119.27	298.18
2 1/3(a)	Earth work 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.		2.50	0.666		cum	1.67	77.54	77.54	129.49
3 2/4(a)	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	10	0.50	0.50	0.1	cum	0.25	936.21	1146.86	286.72
4 14/1.	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	10	0.50	0.50		sqm sqm	2.50 2.50	361.00	442.23	1105.58
5 15/8.a	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth	15 15	0.50 0.375	0.500 0.375	0.300 2.000	cum cum cum	1.13 4.22 5.35	5413.00	6630.93	35475.48
6 137/8	Rough dressed timber planks fitted and fixed with nut bolts excluding framework complete : (i) 25mm thick planks (a) Sal Malayasian(Kopur wood or light weight)	20	3.00	0.25		sqm	15.00			

7 173/2	Supplying, fitting and fixing boiling water proof ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge. [excluding the cost of supporting frame work and teak wood batten/Lipping] (iv) 12mm	1	8.00	2.00	sqm	15.00	1760.00	2156.00	32340.00
8 90/2	Supplying and laying standard four course bituminous water proofing treatment as per specification laid down in I.S. 1346 - 1991 to be finished with pea size gravel including necessary preparatory works such as shaping mouth of outlets, cutting as and where necessary and refilling with sand and Cement mortar (4:1) or Cement Concrete (1:2:4) with graded stone chips before undertaking the treatment including cutting grooves in parapet and inserting edge of felt and mending good damage complete in all respect as per direction of Engineer - in - Charge including cost of all materials and labours and incidental charges but excluding the cost of Cement Mortar or concrete required for levelling and grading. (In sloped roof Course sand of approved varieties is to be used in place of Pea size gravels as fourth and final course.) i) 1st and 3rd Course with bonding materials of hot applied industrial blown type bitumen of grade 85/25 or 90/15 conforming to I.S.702 - 1988 @ 12Kg/10SqM on each layer. ii) 2nd course with Hessian base self finished bitumen type- 3 Gr.-I conforming to I.S. 1322-1993 (weighing 23kg/10SqM gross with bitumen content 12.10kg/10SqM ) tested under the provision of I.S. 13826 - 1993 part VII iii) 4th course with washed and clean pea sized gravel or grit @ 0.006 cum/Sqm. B. Over Sloped Roof.	1	10.00	10.00	sqm	100.00	318.00	389.55	38955.00
9 E-9/1.b	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaidd polythene pipe and by the prelaidd GI fish wire and making necy. connection as required 3 x 22/0.3 (1.5 sqmm)				200.0	RM	48.00	58.80	11760.00
10 E-3/10	Supplying & Fixing CRC sheet metal (16 SWG) JB-cum-Switch Board of the following sizes complete with three no. suitable size Copper bar with holes (for Ph, N & E) fixed on bakelite/Hard Rubber insulator over the MS welded chairs incl. bakelite/Perspex/coloured Perspex (wall matching colour) top								

	cover 3 mm thick flushed in wall for housing the board after cutting the brick wall incl. making earthing attachment, painting and mending good damages to building works (C) 200 mm x 150 mm x 65 mm	5.0	Each	277.00	339.33	1696.65
11 E-5/14	Supply & Fixing 240 V 6 A Piano key type switch (Brand approved by EIC) on existing sheet metal switch board having bakelite/perspex top cover by screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required	10.0	Each	27.00	33.08	330.80
12 E-5/15	Supply & Fixing 240 V, 6A plug socket (Brand approved by EIC), without switch & plug top, on existing sheet metal switch board with bakelite/perspex top cover by screws after making housing for plug by cutting bakelite/perspex top cover and making necy. connections with PVC wire and earth continuity wire etc.	10.0	Each	36.00	44.10	441.00
13	Fixing only single/twin LED light fitting suspended 25 cm below the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length [171C-2]	2.00	Nos	225.11	275.76	551.52
14	Supply of 4 Ft. LED single/twin light fitting for indoor application complete with all accessories & Lamps having following Model / Cat No. 1x 20 W T8 LED with industrial box type luminair / Philips/Crompton /SYSKA]	2.00	Set	992.06	1215.27	2430.54
15	Supplying & Fixing following AC ceiling fan complete with down rod, canopy fork, blades etc. but without regulator. (bajaj/crompton/orient/hevels/USHA/polar) 56"(1400 mm)	2.00	Nos	2097.24	2569.12	5138.24
16	Supply of Heavy Duty metal body Exhaust fan complete with all accessories having the following Model / Cat No. (Make EPC/Havels/Bajaj/Crompton) 9" ( 230mm ) Speed 1370 RPM	1.00	Nos	1706.98	2091.05	2091.05
17	Supplying & Fixing MS fan clamp of two piece type for RC ceiling as per approved specification, fabricated from 40 mm x 9 mm MS flat including making good damages to building roof with satisfactory finishing and painting - (As per Drawing no. 475 of PWD Specification Book - May 1991)[29/D-14]	2.00	Nos	273.75	335.34	670.68
18	Supplying & Fixing of Box type fan clamp of 150mm dia & 80mm depth made of 16 SWG CRCA sheet with one end duly sealed by cover, properly welded, incl. S&F 12mm dia 600mm long MS rod duly bent by heat treatment at the centre position of rod to grip fan bobbin properly, incl. binding the rod and fan box with reinforcement by 22 SWG steel binding wire, incl. supplying & covering the box with alkathene sheet, placed in order to prevent concrete from entering the box. [31/D-14]	2.00	each	196.83	241.12	482.24

	34
Total	167679.65
GST @ 18% of the Total	30182.34
Labour welfare cess @1% of the Total	1978.62
Total cost Rs.	1,99,840.61
Round off	1,99,841.00
(Rupees one lakh ninety-nine thousand eight hundred forty-one only)	

Estimate is prepared as per P.W.D schedule rates-2017  
& following amendments.

Prepared by

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

Checked & Verified

  
S. Jones Justin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

Countersigned & Vetted

  
Rajendra Jakhar, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve



6

Work : Estimate for Minor Work for Fibering of Departmental Boat					
Location : Sundarban Tiger Reserve, South 24 Parganas					
Head of Service : 23-2406-02-110-00-007-V-27-00					
Scheme : Control of Poaching					
(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)					
Sl.no & page no	Description of Items	Quantity	Unit	Rate	Amount

- 1 Fiber three coat on timber or plastered surface with synthetic oil bound fiber of approved quality including smoothening surfaces by sand papering etc.

40.00 sqm 1936.00 77440.00

**Total** 77,440.00  
 GST @ 18% 13,939.20  
 Labour welfare cess @1% 913.79  
**Total cost Rs.** 92,292.99  
**Or say** 92,293.00  
 (Rupees ninety-two thousand two hundred ninety-three only)

Checked & Verified

Countersigned & Vetted

  
**S Jones Justin** IFS  
 Deputy Field Director  
 Sundarban Tiger Reserve

  
**Rajendra Jakher**, IFS  
 Chief Conservator of Forests  
 & Field Director  
 Sundarban Tiger Reserve

19

Name of Work : Estimate for Repairing of Joint Patrolling BSF Camp										
Location : Bagna under Bashirhat Range, Sundarban Tiger Reserve, South 24 Parganas.										
Head of Service : 23-2406-02-110-00-007-V-27-00										
Scheme Name : Control of Poaching										
(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)										
Sl.no & page no	Description of Items	No	Length	Breadth	Height	Quantity	Unit	Rate	Rate+22.5% Riverine (Excluding Sl No.1,2,17, 18& 19)	Amount
1 10/1.	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	Column 12 Beam 10	4.00 4.00	0.50 0.50	0.1 0.1	2.40 2.00 4.40	cum	447.00	447.00	1966.80
2 11/10.	Stripping off worn out plaster and raking out joints of walls, ceilings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	Wall Ceiling	4 2	3.00 3.00	2.50 2.50	30.00 15.00 45.00	sqm	19.00	19.00	855.00
3 26/10.	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety	Column 12 Beam 10 Slab & others 2	4.00 4.00 5.00	0.50 0.50 1.00	0.1 0.1 0.1	2.40 2.00 1.00 5.40	cum	6346.00	7773.85	41978.79
4 189/1	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 course, scaffolding/staging where necessary (Ground floor). (Excluding cost of chipping over concrete surface) (ii) With 1:4 cement mortar (c) 10 mm thick plaster					67.78	sqm	133.00	162.93	11043.40
5 64/35	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of 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. (A) Floor With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick									



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	cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.	1	5.00	4.00	20.00			
	(a) Area of each tile upto 0.09 Sq.m							
	(i) Coloured decorative				20.00	sqm	755.00	924.88
	(B) Wall							18497.60
	With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.							
	(a) Area of each tile upto 0.09 Sq.m	1	6.00	1.5	9.00			
	(i) Coloured decorative				9.00	sqm	757.00	927.33
6	Supplying profiles of required section made of Aluminium Alloy							8345.97
233/1	Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. (Payment will be made on finished length of the work).							
	(A) In 10-12 Micron thickness Anodizing film							
	I) Natural white							
	a) 2- track sliding window							
	i) Bottom frame							
	W	1	1.50		1.50			
	W1	2	0.90		1.80			
	W2	2	0.75		1.50			
					4.80	Mtr	218.00	267.05
	ii) Top and side frame.							1281.84
	W	1	3.90		3.90			
	W1	2	3.30		6.60			
	W2	2	1.95		3.90			
					14.40	Mtr	195.00	238.88
7	Supplying best Indian figured glass viz. hammered, fluted, ribbed, pinhead etc. type including cutting to required sizes, setting on putty bases and fitted and fixed with nails and putty complete.(In all floors for internal wall & upto 6 m height for external wall)							3439.87
205/5	(ii) 3 mm thick (Coloured)							
	W	1	1.5	1.2	1.80			
	W1	2	0.9	1.2	2.16			
	W2	2	0.75	0.6	0.90			
					4.86	sqm	476.00	583.10
8	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:-							2833.87
239/2	(A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built							

locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam,lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC.

The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers.

i) 2 track sliding window.

4.86 sqm 696.00 852.60 4143.64

- 9 Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals).  
(d) Sal : Local.  
D

1 5.00 0.1 0.075 0.04 0.04 cum 77671.00 95146.98 3805.88

- 10 Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings.  
In ground floor.  
(ii) 40mm thick shutters with 19mm thick panel of size 30 to 45 cm  
(c) Other Local Wood.  
D

1 2.0 1.0 2.00 2.00 sqm 1856.00 2273.60 4547.20

- 11 (a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.  
(ii) Grill weighing above 16 Kg/sq.mtr and above

60.00 kg 96.96 118.78 7126.80

- 12 Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately)  
(a) 40mm X 6mm, 250mm Length

36.00 each 29.00 35.53 1279.08

- 13 Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.  
(vi) 100mm. X 50mm. X 1.25mm.  
(viii) 100mm. X 75mm. X 3.50mm.

20.00 each 43.00 52.68 1053.60  
15.00 each 66.00 80.85 1212.75

- 14 Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed

	with cadmium plated screws: (iv) 150mm long x 10mm dia. bolt.	5.00	each	63.00	77.18	385.90
15 145/28	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. (i) 250mm x 16mm dia bolt.	5.00	each	233.00	285.43	1427.15
16 146/31	Anodised aluminium decorative handle (hexagonal / fluted) of approved quality fitted and fixed complete. (ii) 175mm plate x 12mm dia rod x 60mm hexagonal / fluted.	10.00	each	100.00	122.50	1225.00
17 203/1	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.	260.00	sqm	21.00	21.00	5460.00
18 203/3	Removing old paint from blistered painted surface of steel or other metal by chipping including scraping and cleaning and exposing the original surface	20.00	sqm	47.00	47.00	940.00
19 203/4	Removing thick layers of paint from heavily cracked and blistered painted surface of timber by careful burning with blow lamp including smoothening exposed surface of timber with pumice stone or glass and preparing the same for fresh treatment.	15.00	sqm	52.00	52.00	780.00
20 200/2.a	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - (ii) Two coats (white in shade) (b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)	15.00	sqm	78.00	95.55	1433.25
		20.00	sqm	79.00	96.78	1935.60
21 201/4.i	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats) i) Standard Quality	260.00	sqm	62.00	75.95	19747.00
22 79/3	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (b) With 'S' trap (with vent)	1.00	each	3287.00	4026.58	4026.58
23 41/1	Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood					

	blocks and C.I. brackets including two coats of painting of C.I. brackets. (i) 450 mm X 300 mm size	1.00	each	1155.00	1414.88	1414.88
24 36/1	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approved make with either side or bottom inlet, side overflow, brackets complete with all internal PVC fittings. White	1.00	each	2297.00	2813.83	2813.83
25 43/9	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. (iii) 600 mm long	2.00	each	107.00	131.08	262.16
26 6/7.	Supplying, fitting and fixing bib cock or stop cock. (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) (ii) Chromium plated Concealed Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.00	each	659.00	807.28	3229.12
		1.00	each	674.00	825.65	825.65
27 3/3.	Supplying, fitting and fixing shower of approved brand and make. (a) (i) Chromium plated round shower with revolving joint 100 mm dia with rubid cleaning system (Equivalent to Code No. 542(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	1.00	each	452.00	553.70	553.70
28 81/15	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. (ii) 600 mm X 450 mm	1.00	each	484.00	592.90	592.90
29 82/18	Supplying, fitting and fixing soap holder. (a) PTMT (Prayag or equivalent)	1.00	each	135.00	165.38	165.38
30 82/22	Supplying, fitting and fixing towel rail with two brackets. (b) Aluminium (ii) 25 mm dia. and 600 mm long	1.00	each	164.00	200.90	200.90
31 E-9/1.b	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required 3 x 22/0.3 (1.5 sqmm)	100.0	RM	48.00	58.80	5880.00
32 E-5/14	Supply & Fixing 240 V 6 A Piano key type switch (Brand approved by EIC) on existing sheet metal switch board having bakelite/perspex top cover by screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required	20.0	Each	27.00	33.08	661.60

- 33 Supply & Fixing 240 V, 6A plug socket (Brand approved  
E-5/15 by EIC), without switch & plug top, on existing sheet  
metal switch board with bakelite/perspex top cover by  
screws after making housing for plug by cutting  
bakelite/perspex top cover and making necy. connections  
with PVC wire and earth continuity wire etc.

10.0 Each 36.00 44.10 441.00

<b>Total</b>	<b>167813.69</b>
GST @ 18%	30206.46
Labour welfare cess @ 1%	1980.20
<b>Total cost Rs.</b>	<b>2,00,000.35</b>
<b>Round off</b>	<b>2,00,000.00</b>
	<b>(Rupees two lakh only)</b>

Estimate is prepared as per P.W.D schedule rates-2017& following  
amendments. This is to certify that this work is not included in any other  
proposal in the current financial year.

Prepared by

Checked & Verified

Vetted & Counter-signed

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

  
S. Jones Justin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

  
Rajendra Jakher, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

Name of Work : Estimate for Repairing of Joint Patrolling BSF Camp										
Location : Khatuajhuri under Bashirhat Range, Sundarban Tiger Reserve, South 24 Parganas.										
Head of Service : 23-2406-02-110-00-007-V-27-00										
Scheme Name : Control of Poaching										
(Followed by P.W.D Building Schedule – 01.11.2017 and Following amendments)										
Sl.no & page no	Description of Items	No	Length	Breadth	Height	Quantity	Unit	Rate	Rate+22.5% Riverine (Excluding Sl No.1,2,17, 18& 19)	Amount

1 10/1.	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.	Column	12	4.00	0.50	0.1	2.40			
		Beam	10	4.00	0.50	0.1	2.00			
						4.40	cum	447.00	447.00	1966.80
2 11/10.	Stripping off worn out plaster and raking out joints of walls, celings etc. upto any height and in any floor including removing rubbish within a lead of 75m as directed.	Wall	4	3.00	2.50	30.00				
		Ceiling	2	3.00	2.50	15.00				
						45.00	sqm	19.00	19.00	855.00
3 26/10.	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. (i) Pakur Variety	Column	12	4.00	0.50	0.1	2.40			
		Beam	10	4.00	0.50	0.1	2.00			
		Slab & others	2	5.00	1.00	1.00				
						5.40	cum	6346.00	7773.85	41978.79
4 189/1	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 course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (ii) With 1:4 cement mortar (c) 10 mm thick plaster					67.78	sqm	133.00	162.93	11043.40
5 64/35	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of 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. (A) Floor With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick									

	cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.	1	5.00	4.00	20.00				
	(a) Area of each tile upto 0.09 Sq.m								
	(i) Coloured decorative				20.00	sqm	755.00	924.88	18497.60
	(B) Wall								
	With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.								
	(a) Area of each tile upto 0.09 Sq.m	1	6.00	1.5	9.00				
	(i) Coloured decorative				9.00	sqm	757.00	927.33	8345.97
6	Supplying profiles of required section made of Aluminium Alloy								
233/1	Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Anodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composite door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In-Charge. (Payment will be made on finished length of the work).								
	(A) In 10-12 Micron thickness Anodizing film								
	I) Natural white								
	a) 2- track sliding window								
	i) Bottom frame								
	W	1	1.50		1.50				
	W1	2	0.90		1.80				
	W2	2	0.75		1.50				
					4.80	Mtr	218.00	267.05	1281.84
	ii) Top and side frame.								
	W	1	3.90		3.90				
	W1	2	3.30		6.60				
	W2	2	1.95		3.90				
					14.40	Mtr	195.00	238.88	3439.87
7	Supplying best Indian figured glass viz. hammered, fluted, ribbed, pinhead etc. type including cutting to required sizes, setting on putty bases and fitted and fixed with nails and putty complete.(In all floors for internal wall & upto 6 m height for external wall)								
205/5	(ii) 3 mm thick (Coloured)								
	W	1	1.5	1.2	1.80				
	W1	2	0.9	1.2	2.16				
	W2	2	0.75	0.6	0.90				
					4.86	sqm	476.00	583.10	2833.87
8	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:-								
239/2	(A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built								

locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam, lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC.

The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers.

i) 2 track sliding window.

4.86 sqm 696.00 852.60 4143.64

- 9 Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals).

(d) Sal : Local.

D

1 5.00 0.1 0.075 0.04 0.04 cum 77671.00 95146.98 3805.88

- 10 Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings.

In ground floor.

(ii) 40mm thick shutters with 19mm thick panel of size 30 to 45 cm

(c) Other Local Wood.

D

1 2.0 1.0 2.00 2.00 sqm 1856.00 2273.60 4547.20

- 11 (a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.

(ii) Grill weighing above 16 Kg./sq.mtr and above

60.00 kg 96.96 118.78 7126.80

- 12 Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately)

140/4 (a) 40mm X 6mm, 250mm Length

36.00 each 29.00 35.53 1279.08

- 13 Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.

140/5 (vi) 100mm. X 50mm. X 1.25mm.

(vii) 100mm. X 75mm. X 3.50mm.

20.00 each 43.00 52.68 1053.60  
15.00 each 66.00 80.85 1212.75

- 14 Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed

144/26



	with cadmium plated screws: (iv) 150mm long x 10mm dia. bolt.	5.00	each	63.00	77.18	385.90
15 145/28	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete. (i) 250mm x 16mm dia bolt.	5.00	each	233.00	285.43	1427.15
16 146/31	Anodised aluminium decorative handle (hexagonal / fluted) of approved quality fitted and fixed complete. (ii) 175mm plate x 12mm dia rod x 60mm hexagonal / fluted.	10.00	each	100.00	122.50	1225.00
17 203/1	Removing loose scales, blisters etc. from old painted surface and thoroughly smoothening the surface to make the same suitable for receiving fresh coat of paint.	260.00	sqm	21.00	21.00	5460.00
18 203/3	Removing old paint from blistered painted surface of steel or other metal by chipping including scraping and cleaning and exposing the original surface	20.00	sqm	47.00	47.00	940.00
19 203/4	Removing thick layers of paint from heavily cracked and blistered painted surface of timber by careful burning with blow lamp including smoothening exposed surface of timber with pumice stone or glass and preparing the same for fresh treatment.	15.00	sqm	52.00	52.00	780.00
20 200/2.a	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (a) On timber or plastered surface : With super gloss (hi-gloss) - (ii) Two coats (white in shade) (b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)	15.00	sqm	78.00	95.55	1433.25
		20.00	sqm	79.00	96.78	1935.60
21 201/4.i	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two coats) i) Standard Quality	260.00	sqm	62.00	75.95	19747.00
22 79/3	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (b) With 'S' trap (with vent)	1.00	each	3287.00	4026.58	4026.58
23 41/1	Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood					

	blocks and C.I. brackets including two coats of painting of C.I. brackets. (i) 450 mm X 300 mm size	1.00	each	1155.00	1414.88	1414.88
24 36/1	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approved make with either side or bottom inlet, side overflow, brackets complete with all internal PVC fittings. White	1.00	each	2297.00	2813.83	2813.83
25 43/9	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia. (iii) 600 mm long	2.00	each	107.00	131.08	262.16
26 6/7.	Supplying, fitting and fixing bib cock or stop cock. (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) (ii) Chromium plated Concealed Stop Cock (Equivalent to Code No. 514(A) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	4.00	each	659.00	807.28	3229.12
		1.00	each	674.00	825.65	825.65
27 3/3.	Supplying, fitting and fixing shower of approved brand and make. (a) (i) Chromium plated round shower with revolving joint 100 mm dia with rubid cleaning system (Equivalent to Code No. 542(N) & Model - Tropical / Sumthing Special of ESSCO or similar brand).	1.00	each	452.00	553.70	553.70
28 81/15	Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. (ii) 600 mm X 450 mm	1.00	each	484.00	592.90	592.90
29 82/18	Supplying, fitting and fixing soap holder. (a) PTMT (Prayag or equivalent)	1.00	each	135.00	165.38	165.38
30 82/22	Supplying, fitting and fixing towel rail with two brackets. (b) Aluminium (ii) 25 mm dia. and 600 mm long	1.00	each	164.00	200.90	200.90
31 E-9/1.b	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required 3 x 22/0.3 (1.5 sqmm)	100.0	RM	48.00	58.80	5880.00
32 E-5/14	Supply & Fixing 240 V 6 A Piano key type switch (Brand approved by EIC) on existing sheet metal switch board having bakelite/perspex top cover by screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required	20.0	Each	27.00	33.08	661.60

- 33 Supply & Fixing 240 V, 6A plug socket (Brand approved  
E-5/15 by EIC), without switch & plug top, on existing sheet  
metal switch board with bakelite/perspex top cover by  
screws after making housing for plug by cutting  
bakelite/perspex top cover and making necy. connections  
with PVC wire and earth continuity wire etc.

10.0 Each 36.00 44.10 441.00

**Total**

**167813.69**

**GST @ 18%**

**30206.46**

**Labour welfare cess @1%**

**1980.20**

**Total cost Rs.**

**2,00,000.35**

**Round off**

**2,00,000.00**

**(Rupees two lakh only)**

Estimate is prepared as per P.W.D schedule rates-2017& following  
amendments. This is to certify that this work is not included in any other  
proposal in the current financial year.

Prepared by

Checked & Verified

Vetted & Counter-signed

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

  
**S. Jones Justin, IFS**  
Deputy Field Director  
Sundarban Tiger Reserve

  
**Rajendra Jakher, IFS**  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

**Work : Estimate for repairing of Translocation Cage for Wildlife****Location : Sundarban Tiger Reserve, South 24 Parganas****Head of service:- 23-2406-02-110-00-007-v-27-00****Scheme: Control of Poaching****(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendments)**

Sl.no & page no	Description of Items	No	Length	Breadth	Height	Quantity	Unit	Rate	Rate+22.5% Riverine	Amount
1 103/10	Ordinary grating bars made of round or square M.S. rods fitted and fixed in holes of cage frames etc, complete.					1.34	Qntl.	5979.00	7324.28	9814.54
2 111/2	Welding in M.S. structural work with gas or electric: (a) Tack weld					80.00	point	9.00	11.03	882.40
3 201/2	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary : (b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)					19.52	sqm	79.00	96.78	1889.15
<b>Total</b>										<b>12,586.09</b>
<b>GST @ 18%</b>										<b>2,265.50</b>
<b>Labour welfare cess @1%</b>										<b>148.52</b>
<b>Total cost Rs.</b>										<b>15,000.10</b>
<b>Or say</b>										<b>15,000.00</b>

**(Rupees fifteen thousand only)****Estimate is prepared as per P.W.D schedule rates-2017 & following amendments.****Prepared by****Checked & Verified****Countersigned & Vetted**

  
 Sub-Assistant Engineer  
 Sundarban Tiger Reserve

  
**S Jones Justin, IFS**  
 Deputy Field Director  
 Sundarban Tiger Reserve

  
**Rajendra Jakher, IFS**  
 Chief Conservator of Forests  
 & Field Director  
 Sundarban Tiger Reserve

**Name of Work : Estimate for Maintenance of Cement Concrete Road (70m)**  
**Location : Satjelia JPMC under Sundarban Tiger Reserve, South 24 Parganas**

**Head of Service:-23-2406-01-102-027-27-00-v**

**Scheme:- Other Allied Works Component**

**(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendment)**

<i>Sl.no &amp; page no</i>	<i>Description of work</i>	<i>No</i>	<i>Length</i>	<i>Breadth</i>	<i>Height</i>	<i>Unit</i>	<i>Quantity</i>	<i>Rate</i>	<i>Rate+22.5% Riverine (Not Applicable for SL. No. 1)</i>	<i>Amount</i>
1 1.2(a)	Earth work 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, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.	1	70.00	2.00	0.50	cum	70.00	119.27	119.27	8348.90
2 2/4(a)	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	1	70.00	2.00	0.21	cum	29.40	936.21	1146.86	33717.68
3 226/1.a	Brick soling with picked jhama bricks including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling (and in between layers when more than one layer is used) completes as per direction. (a) Single brick flat soling (thickness 75 mm.)	1	70.00	2.00		sqm	140.00	339.00	415.28	58139.20
4 24/4(a)	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. a) Pakur Variety	1	70.00	2.00	0.1	cum	14.00	6030.98	7387.95	103431.30
5 42/36	Hire and labour charges for shuttering with centering and necessary staging upto 4 m 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) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.

2	70.00	0.1	sqm	14.00	335.00	410.38	5745.32
<b>Total</b>							<b>209382.40</b>
<b>GST @ 18%</b>							<b>37688.83</b>
<b>Labour welfare cess @1%</b>							<b>2470.71</b>
<b>Total cost Rs.</b>							<b>249,541.94</b>
<b>Or say</b>							<b>249,542.00</b>
<b>(Rupees two lakh forty-nine thousand five hundred forty-two only)</b>							

Estimate is prepared as per P.W.D schedule rates-2017  
& following amendment.

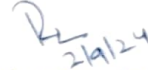
Prepared by

Checked & Verified

Countersigned & Vetted

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

  
S Jones Justin, IFS  
Deputy Field Director  
Sundarban Tiger Reserve

  
Rajendra Jakher, IFS  
Chief Conservator of Forests  
& Field Director  
Sundarban Tiger Reserve

**Name of Work : Estimate for Maintenance of Cement Concrete Road (70m)**  
**Location : Kumirmari JFMC under Sundarban Tiger Reserve, South 24 Parganas**

**Head of Service:-23-2406-01-102-027-27-00-v**

**Scheme:- Other Allied Works Component**

**(Followed by P.W.D Building Schedule - 01.11.2017 and Following amendment)**

<i>Sl.no &amp; page no</i>	<i>Description of work</i>	<i>No</i>	<i>Length</i>	<i>Breadth</i>	<i>Height</i>	<i>Unit</i>	<i>Quantity</i>	<i>Rate</i>	<i>Rate+22.5% Riverine (Not Applicable for SL. No. 1)</i>	<i>Amount</i>
1 1.2(a)	Earth work 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, levelling, dressing and ramming the bottom, bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.	1	70.00	2.00	0.50	cum	70.00	119.27	119.27	8348.90
2 2/4(a)	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	1	70.00	2.00	0.21	cum	29.40	936.21	1146.86	33717.68
3 226/1.a	Brick soling with picked jhama bricks including preparation of bed as necessary with brick joints properly filled in and packed with powdered earth and including necessary cushion of similar material below the soling (and in between layers when more than one layer is used) completes as per direction. (a) Single brick flat soling (thickness 75 mm.)	1	70.00	2.00		sqm	140.00	339.00	415.28	58139.20
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(Rupees two lakh forty-nine thousand five hundred forty-two only)							

Estimate is prepared as per P.W.D schedule rates-2017 & following amendment.

Prepared by

Checked & Verified

Countersigned & Vetted

  
Sub-Assistant Engineer  
Sundarban Tiger Reserve

  
S Jones Justin, IFS  
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