

Request for Proposal (RFP)

Date: 29 March, 2011

Subject: RFP for “Construction of 266 meter long, 4.725 meter high retaining wall with 3.5 meter width 3 stairs along with community awareness activities at Mohishber village of Kunda union under Nasirnagar upazila of Brahmanbaria district. Protection wall will be from in front of Hazi Syed Mia’s House and toward west as decided by the concerned community”.

1. You are requested to submit a proposal for “Construction of 266 meter long, 4.725 meter high with 3.5 meter width 3 stairs Retaining Wall along with community awareness activities at Mohishber village of Kunda union under Nasirnagar upazila of Brahmanbaria district. Protection wall will be from in front of Hazi Syed Mia’s House and toward west as decided by the concerned community”, as per enclosed Terms of Reference (TOR).
2. To enable you to submit a proposal, attached are:
 - i. Instructions to Offerors (Annex I)
 - ii. Terms of Reference (TOR)..... (Annex II)
 - iii. Price Schedule(Annex III)
3. Your offer comprising of technical proposal and financial proposal, in separate sealed envelopes, should reach the following address no later than 10.00 AM – 11 **May, 2011**

National Project Director
Comprehensive Disaster Management Programme II (CDMP II)
Disaster Management and Relief Bhaban (6th floor), 92-93 Mohakhali C/A,
Dhaka 1212, Bangladesh.
4. If you require additional information, we would endeavor to provide information expeditiously, but any delay in providing such information will not be considered a reason for extending the submission date of your proposal.

Annex I Instructions to Offerors

A. Introduction

1. General

CDMP II

The Comprehensive Disaster Management Programme 2010-2014 (CDMP II) is a five-year, second phase, project with the overall aim of contributing to poverty alleviation in Bangladesh through disaster risk reduction and adaptation to climate change. It is designed to extend and expand the risk reduction efforts of the first phase (2004-2009) following a multi-hazard approach to disasters to support a ‘paradigm shift’ in disaster management from relief and rehabilitation to more focused activities on risk reduction and preparedness. CDMP II aims to institutionalise the adoption of risk reduction approaches, not only in its host Ministry of Food and Disaster Management (MoFDM), but more broadly across key ministries and agencies both in programming and in practical action. As a multi-donor framework with support from UNDP, DFID, the EU, SIDA and AusAID, CDMP II is the central Government owned disaster management initiative in Bangladesh. CDMP II is a nationally implemented project of MoFDM lead by an Additional Secretary as the National Programme Director.

The overall goal of Comprehensive Disaster Management Programme is to reduce the country’s vulnerability to adverse natural and human induced hazards to a manageable and acceptable humanitarian level. This is designed around six interrelated outcome areas following vision, mission and objectives of the Government of Bangladesh (GoB). Among the six outcomes, the outcome # 2 is planned for Rural Risk Reduction (RRR) and devoted to reduce risk to rural populations through structural and non-structural interventions, empowerment of rural communities and improved awareness of and planning for natural hazard events and impact of CC. The above mentioned schedule of work is proposed under outcome # 2 of CDMP as per request of concerned vulnerable community, union and upazila administration. A scheme is designed along with detailed schedule of work by the LGED department of the concerned upazila, based on which invitation of RFPs are sought from competent implementing partner under following terms and conditions:

The CDMP II now invites detailed proposals with price quotes from interested suppliers and firms to undertake the activities and inputs specified in the Terms of Reference (ToR) attached.

You may produce document of similar work executed by you/your firm to demonstrate relevant capability.

2. Eligible Bidders

- Bidder must be NGOs/firms which should be proved by providing copies of original documents defining the constitution of legal status, place of registration, and principal place of business (e.g. copy of registration with Department of Social Welfare or NGO Affairs Bureau)

- Proof that the Bidders have at least two (2) years experience at union level in implementing risk reduction interventions in collaboration with Union Disaster Management Committees (UDMCs).

3. Cost of proposal

The Offeror shall bear all costs associated with the preparation and submission of the Proposal, the CDMP will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the solicitation.

B. Solicitation Documents

4. Contents of solicitation documents

Proposals must offer services for the total requirement. Proposals offering only part of the requirement will be rejected. The Offeror is expected to examine all corresponding instructions, forms, terms and specifications contained in the Solicitation Documents. Failure to comply with these documents will be at the Offeror's risk and may affect the evaluation of the Proposal.

5. Clarification of solicitation documents

A prospective Offeror requiring any clarification of the Solicitation Documents may notify the procuring CDMP entity in writing at the organisation's mailing address or fax number indicated in the RFP. The procuring CDMP entity will respond in writing to any request for clarification of the Solicitation Documents that it receives earlier than two weeks prior to the deadline for the submission of Proposals. Written copies of the organisation's response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective Offerors that has received the Solicitation Documents.

6. Amendments of solicitation documents

At any time prior to the deadline for submission of Proposals, the procuring CDMP entity may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Offeror, modify the Solicitation Documents by amendment.

All prospective Offerors that have received the Solicitation Documents will be notified in writing of all amendments to the Solicitation Documents.

In order to afford prospective Offerors reasonable time in which to take the amendments into account in preparing their offers, the procuring CDMP entity may, at its discretion, extend the deadline for the submission of Proposals.

C. Preparation of Proposals

7. Language of the proposal

The Proposals prepared by the Offeror and all correspondence and documents relating to the Proposal exchanged by the Offeror and the procuring CDMP entity shall be written in the English language. Any printed literature furnished by the Offeror may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Proposal, the English translation shall govern.

8. Documents comprising the proposal

The Proposal shall comprise the following components:

- (a) Proposal submission form;
- (b) Operational and technical part of the Proposal, including documentation to demonstrate that the Offeror meets all requirements;
- (c) Price schedule, completed in accordance with clauses 8 and 9;

9. Proposal form

The Offeror shall structure the operational and technical part of its Proposal as follows:

(a) Management plan

This section should provide corporate orientation to include the year and state/country of incorporation and a brief description of the Offeror's present activities. It should focus on services related to the Proposal.

This section should also describe the organisational unit(s) that will become responsible for the contract, and the general management approach towards a project of this kind. The Offeror should comment on its experience in similar projects and identify the person(s) representing the Offeror in any future dealing with the procuring CDMP entity.

(b) Resource plan

This should fully explain the Offeror's resources in terms of personnel and facilities necessary for the performance of this requirement. It should describe the Offeror's current capabilities/facilities and any plans for their expansion.

(c) Proposed methodology

This section should demonstrate the Offeror's responsiveness to the specification by identifying the specific components proposed, addressing the requirements, as specified, point by point; providing a detailed description of the essential performance characteristics proposed warranty; and demonstrating how the proposed methodology meets or exceeds the specifications.

The operational and technical part of the Proposal should not contain any pricing information whatsoever on the services offered. Pricing information shall be separated and only contained in the appropriate Price Schedules.

It is mandatory that the Offeror's Proposal numbering system corresponds with the numbering system used in the body of this RFP. All references to descriptive material and brochures should be included in the appropriate response paragraph, though material/documents themselves may be provided as annexes to the Proposal/response.

Information which the Offeror considers proprietary, if any, should be clearly marked "proprietary" next to the relevant part of the text and it will then be treated as such accordingly.

10. Proposal prices

The Offeror shall indicate on an appropriate Price Schedule (according to Annex III) an example of which is contained in these Solicitation Documents, the prices of services it proposes to supply under the contract.

11. Proposal currencies

All prices shall be quoted in BDT only.

12. Period of validity of proposals

Proposals shall remain valid for Two hundred seventy (270) days after the date of Proposal submission prescribed by the procuring CDMP entity, pursuant to the deadline clause. A Proposal valid for a shorter period may be rejected by the procuring CDMP entity on the grounds that it is non-responsive.

In exceptional circumstances, the procuring CDMP entity may solicit the Offeror's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. An Offeror granting the request will not be required nor permitted to modify its Proposal.

13. Format and signing of proposals

The Offeror shall prepare one copy of the Proposal, clearly marking "Original Proposal" as appropriate. The Proposal shall be typed or written in indelible ink and shall be signed by the Offeror or a person or persons duly authorised to bind the Offeror to the contract. The latter authorisation shall be indicated by written power-of-attorney accompanying the Proposal.

A Proposal shall contain no interlineations, erasures, or overwriting except, as necessary to correct errors made by the Offeror, in which case such corrections shall be initialled by the person or persons signing the Proposal.

14. Payment

CDMP shall effect payments to the Contractor after acceptance by CDMP of the invoices submitted by the contractor, upon achievement of the corresponding milestones mentioned in ToR.

D. Submission of Proposals

15. Sealing and marking of proposals

The Offeror shall seal the Proposal in one outer and two inner envelopes, as detailed below.

a) **The outer envelope shall be:**

- addressed to –

National Project Director
Comprehensive Disaster Management Programme II (CDMP II)
Disaster Management and Relief Bhaban (6th floor), 92-93 Mohakhali C/A,
Dhaka 1212, Bangladesh.

and,

- marked with –

“RFP: Construction of 266 meter long, 4.725 meter high with 3.5 meter width 3 stairs Retaining Wall along with community awareness activities at Mohishber village of Kunda union under Nasirnagar upazila of Brahmanbaria district. Protection wall will be from in front of Hazi Syed Mia’s House and toward west as decided by the concerned community

- b) **Both inner envelopes** shall indicate the name and address of the Offeror. The first inner envelope shall contain the information specified in Clause 8 (Proposal form & Operational and technical part of the Proposal) above. The second inner envelope shall include the price schedule duly identified as such.

Note, if the inner envelopes are not sealed and marked as per the instructions in this clause, the procuring CDMP entity will not assume responsibility for the Proposal’s misplacement or premature opening.

16. Deadline for submission of proposals

Proposals must be received by the procuring CDMP entity at the address specified under clause Sealing and marking of Proposals no **later than 10 May, 2011, 10:00 AM** local time.

The procuring CDMP entity may, at its own discretion extend this deadline for the submission of Proposals by amending the solicitation documents in accordance with clause *Amendments of Solicitation Documents*, in which case all rights and obligations of the procuring CDMP entity and Offerors previously subject to the deadline will thereafter be subject to the deadline as extended.

17. Late Proposals

Any Proposal received by the procuring CDMP entity after the deadline for submission of proposals, pursuant to clause *Deadline for the submission of proposals*, will be rejected.

18. Modification and withdrawal of Proposals

The Offeror may withdraw its Proposal after the Proposal's submission, provided that written notice of the withdrawal is received by the procuring CDMP entity prior to the deadline prescribed for submission of Proposals.

The Offeror's withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of clause *Deadline for Submission of Proposals*. The withdrawal notice may also be sent by telex or fax but followed by a signed confirmation copy.

No Proposal may be modified subsequent to the deadline for submission of proposals.

No Proposal may be withdrawn in the Interval between the deadline for submission of proposals and the expiration of the period of proposal validity specified by the Offeror on the Proposal Submission Form.

E. Opening and Evaluation of Proposals

19. Opening of proposals

The procuring entity will open the Proposals in the presence of a Committee formed by the Head of the procuring CDMP entity.

20. Clarification of proposals

To assist in the examination, evaluation and comparison of Proposals, the Purchaser may at its discretion, ask the Offeror for clarification of its Proposal. The request for clarification and the response shall be in writing and no change in price or substance of the Proposal shall be sought, offered or permitted.

21. Preliminary examination

The Purchaser will examine the Proposals to determine whether they are complete, whether any computational errors have been made, whether the documents have been properly signed, and whether the Proposals are generally in order.

Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If the Offeror does not accept the correction of errors, its Proposal will be rejected. If there is a discrepancy between words and figures the amount in words will prevail.

Prior to the detailed evaluation, the Purchaser will determine the substantial responsiveness of each Proposal to the Request for Proposals (RFP). For purposes of these Clauses, a substantially responsive Proposal is one which conforms to all the terms and conditions of the RFP without material deviations. The Purchaser's determination of a Proposal's responsiveness is based on the contents of the Proposal itself without recourse to extrinsic evidence.

A Proposal determined as not substantially responsive will be rejected by the Purchaser and may not subsequently be made responsive by the Offeror by correction of the non-conformity.

22. Evaluation and comparison of proposals

This procurement shall be abide by the relevant rules, procedures, guidelines and criteria mentioned in PPR 2008

Chapter 3, part 3, section 117 and sub section (24) of PPR 2008 suggests following will be followed:

The RFP for QCBS shall consider the following when defining the evaluation criteria -

(a) Cost, as a criterion of selection, shall be considered judiciously and shall be of lesser importance in the evaluation of Proposals than the quality of the Proposals and the qualifications of the Applicant;

(b) the relative weight to be given to quality and cost shall be determined on a case by-case basis depending upon the nature of the assignment and could be divided between quality and price as high as seventy percent and thirty percent (70% and 30%) respectively where, in cases like multidisciplinary, feasibility and management studies, the intellectual and professional quality of the Consultant is overriding;

(c) The minimum point to be achieved in the Technical Proposal evaluation shall be seventy percent (70%);

(d) Technical Proposals not achieving the minimum technical points required shall be considered not suitable and their Financial Proposals shall be returned unopened to the Applicant;

The technical proposal will be opened and evaluated to determine its responsiveness and compliance, while the sealed envelop containing financial proposal will remain unopened.

Only those proposals that have not been rejected will be evaluated in accordance with the pre-selected evaluation criteria. In addition, clarity and completeness of presentation will be considered during the evaluation.

Technical proposals receiving minimum standard score of 70 out of 100 will be considered responsive and will receive further consideration (for presentation and evaluation of financial offer). Proposals not meeting this minimum requirement will not be given further consideration.

Price/cost of each of the technically compliant proposals will be considered for its competitiveness. The Organization should ensure that all pricing information is provided in accordance with the format. The formula for determining the financial scores is the following:

$S_f = 100 \times F_m / F$, in which S_f is the financial score, F_m is the lowest price and F the price of the proposal under consideration

After selection of Organization financial offer may be discussed with Organization. At any stage of the evaluation of technical and financial offer CDMP may request clarification from the Organization.

Assignment Cooperation Agreement will be signed between CDMP and the Organization and will be governed by CDMP/UNDP Rules and regulations.

The summary of evaluation of the Technical and Financial Proposals will be as follows:

Technical Evaluation:

Cumulative weight for the following technical criteria:

A = 15 (Understanding of assignment);

B = 25 (Competency of working teams);

C = 20 (Experience in implementing structural RR interventions with UDMCs);

D = 10 (Experience in implementing similar assignment);

E = 10 (Work experience with CDMP/ any other UN agency);

F = 10 (Office with adequate staff within BBaria district / near to work area)

G = 10 (Presentation of documents)

Financial Evaluation:

The financial assessment will consider financial competency and provide weight of 30%

F. Award of Contract

23. Award criteria, award of contract

The procuring CDMP entity reserves the right to accept or reject any Proposal, and to annul the solicitation process and reject all Proposals at any time prior to award of contract, without thereby incurring any liability to the affected Offeror or any obligation to inform the affected Offeror or Offerors of the grounds for the Purchaser's action

Prior to expiration of the period of proposal validity, the procuring CDMP entity will award the contract to the qualified Offeror whose Proposal after being evaluated is considered to be the most responsive to the needs of the organisation and activity concerned.

24. Purchaser's right to vary requirements at time of award

The Purchaser reserves the right at the time of award of contract to vary the quantity of services and goods specified in the RFP without any change in price or other terms and conditions.

25. Signing of the contract

Within 10 days of receipt of the contract the successful Offeror shall sign and date the contract and return it to the Purchaser.

26. Vendor protest

Our vendor protest procedure is intended to afford an opportunity to appeal to persons or firms not awarded a purchase order or contract in a competitive procurement process. It is not available to non-responsive or non-timely proposers/bidders or when all proposals/bids are rejected. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link: <http://www.CDMP.org/procurement/protest.shtml>.

Annex II
TERMS OF REFERENCE FOR IMPLEMENTING PARTNER

Schedule of work: Construction of 266 meter long, 4.725 meter high with 3.5 meter width 3 stairs Retaining Wall along with community awareness activities at Mohishber village of Kunda union under Nasirnagar upazila of Brahmanbaria district. Protection wall will be from in front of Hazi Syed Mia's House and toward west as decided by the concerned community.

1. Background:

The overall goal of Comprehensive Disaster Management Programme is to reduce the country's vulnerability to adverse natural and human induced hazards to a manageable and acceptable humanitarian level. This is designed around six interrelated outcome areas following vision, mission and objectives of the Government of Bangladesh (GoB). Among the six outcomes, the outcome # 2 is planned for Rural Risk Reduction (RRR) and devoted to reduce risk to rural populations through structural and non-structural interventions, empowerment of rural communities and improved awareness of and planning for natural hazard events and impact of CC. The above mentioned schedule of work is proposed under outcome # 2 of CDMP as per request of concerned vulnerable community, union and upazila administration. A scheme is designed along with detailed schedule of work by the LGED department of the concerned upazila, based on which invitation of RFPs are sought from competent implementing partner under following terms and conditions:

The implementing partner will be a Bangladeshi NGO/ institution having:

- a. Registration from NGO Affairs Bureau and/or Department of Social Services or competent authority with adequate financial ability to implement the proposed scheme.
- b. A working team consists of experienced civil engineer(s) and professionals with strong academic background and working experience in Disaster Risk Reduction and Climate Change Adaptation.
- c. Experience in performing structural and non-structural intervention(s) of similar type. Provided that experience in implementing similar or risk reduction interventions in the wetland areas will be given preference.
- d. At least two years of working experience at union level in implementing Risk Reduction Interventions in collaboration with Union Disaster Management Committee.
- e. Flexibility to make adjustment with un-predicted and unavoidable circumstances, ability to perform under stress and willingness to serve the vulnerable people.
- f. Office with adequate staff within the division and working experience in CDMP I or with other UN agencies will be given preference.

2. Works to do:

- The selected entity/NGO will perform the tasks as mentioned in the schedule of work following the CDMP approved design in close collaboration with local community, union and upazila administration within time frame specified in RFP.

- In addition to structural intervention the selected entity/NGO will arrange awareness raising session(s) for beneficiaries to keep the constructed wall protected from probable injuries.
- The selected entity/NGO must form a wall maintenance group to take necessary measures by organizing the beneficiaries as on when required in consultation with PIO/ Upazila Engineer or other competent technical persons.

3. Fund Release:

- If RFP is accepted on technical and financial grounds, contract will be made between CDMP and selected NGO/Entity and an amount of 20% of the contracted value will be paid by CDMP in advance immediate after signing the Contract.
- 30% of the contracted value will be paid as 2nd instalment on the basis of certificate provided by concerned Upazila Engineer and UNO that 50% of works are completed.
- 20% of the contracted value will be paid as 3rd instalment on the basis of certificate provided by concerned Upazila Engineer and UNO that 70% of works are completed.
- Rest 30% money will be paid after completion of all works mentioned in the schedule duly verified by concerned Upazila Engineer, UNO and CDMP Representatives.

4. Special Condition:

- CDMP and UNDP reserve right to impose any other condition at any time and even cancel the work order if considered rational to them.

Annex III A
FINANCIAL PROPOSAL SUBMISSION FORMAT

Schedule of work: Construction of 266 meter long, 4.725 meter high with 3.5 meter width 3 stairs Retaining Wall along with community awareness activities at Mohishber village of Kunda union under Nasirnagar upazila of Brahmanbaria district. Protection wall will be from in front of Hazi Syed Mia's House and toward west as decided by the concerned community.

Break-ups of cost

| Sl No | Description of item | Quantity | Rate per unit (Tk.) | Amount (Tk.) |
|-------------------------------|--|--------------|---------------------|--------------|
| 1 | 2 | 3 | 4 | 5 |
| Part-1: Retaining Wall | | | | |
| 1 | Earth work in excavation in foundation trenches in all sorts of soil except rocky, gravelly, slushy or organic type, up to a depth of 2m to the lines, grades and elevation as shown on the drawing , removing boulders, logs and other objectionable materials, cleaning all loose materials disposing of all excavated materials to a safe distance designated by the E-I-C for an initial lead of 20m , and cut to a firm surface including bailing out water, removal of spoils to a safe distance, back filling of sites of trenches as per requirement and instruction of the E-I-C . Back filled materials shall be compacted to a density comparable with the adjacent undisturbed material. | 1089.769 cum | | |
| 2 | Sand filling on the prepared foundation bed with sand of minimum FM 0.80 in difficult areas with 150mm in thickness in each layer including supplying , placing in conformity with the profile and level as per design including watering , compaction, etc. all complete as per direction of the E-I-C. | 94.763 cum | | |
| 3 | Single layer brick flat soiling with 1 st class or picked jhama klin burnt bricks in foundation, filling the interstices tightly with sand of minimum F14 0.50. wating , leveling, dressing, etc. all complete as per instruction of the E-I-C. | 631.750 sqm | | |
| 4 | Cement concrete work in foundation with portland cement sand (minimum FM1.80) and 1 st class/picked jhama brick chips 20mm down graded (LAA value not exceeding 40) including shuttering, mixing by concrete mixer machine, casting, laying compacting and curing for the requisite period breaking bricks into chips etc. All complete as per | 94.763 cum | | |

| | | | | |
|-----------------------|--|--------------|--|------|
| | direction of the E-I-C . Cylinder crushing strength of concrete should not be less than 105kg/cm ² at 28 days of curing (suggested mix proportion 1:3:6) Additional quantity to be added if required to attain the strength at the implementing partner's own cost. | | | |
| 5 | First class brick works in cement mortar (1:4) in staining of well wells with sand (minimum FM 1.50) and cement , cutting bricks to required sizes, hoisting and keeping in position the MS bond rods and finished with flush pointing joints, watering . etc. complete including cast of all materials but excluding cost of MS bond rods and bottle nuts, etc, all complete as per direction of the EIC. | 1189.519 cum | | |
| 6 | Providing weep holes in abutment / retaining wing wall including placing and hand packing of 1 st class/picked jhama bricks metal (size 40mm – 63mm) @0.085 cum in the back of each weep hole etc. all complete as per direction of the EIC | 532 nos | | |
| 7 | Minimum 12mm thick cement plaster (1:4) to dado and plinth wall up to 150mm below ground level with neat cement finishing in/c washing of sand, finishing the edges and corners and curing for the requisite period etc. all complete as per direction of the E-I-C (sand of minimum FM 1.2 be used) | 1097.250 sqm | | |
| 8 | Earth filling work with specified soil in any type of embankment including cutting, carrying, filling by throwing earth in layers not more than 150mm in each layer in proper alignment , grade, camber and side slope in all types of soil except rocky, gravelly and slushy including bending not more than 30 cm in vertical and 60cm in horizontal steps along the sides while widening any embankment, etc. all complete as per direction of the E-I-C Earth shall be arranged by the contractor at his own cost and it will include all necessary lead & lift. Payment will be made on compacted volume. | 4887.750 cum | | |
| Part-1 Total | | | | = tk |
| Part-2: Stairs | | | | |
| 9 | Earth work in excavation in foundation trenches in all sorts of soil except rocky, gravelly, slusly or organic type, up to a depth of 2m to the lines, grades and elevation as shown on the drawing , removing boulders, logs and other objectionable materials, clearing all loose materials, disposing of all excavated material to a safe distance designated by the EIC. For an initial lead of 20m and cut to a firm | 11.812 cum | | |

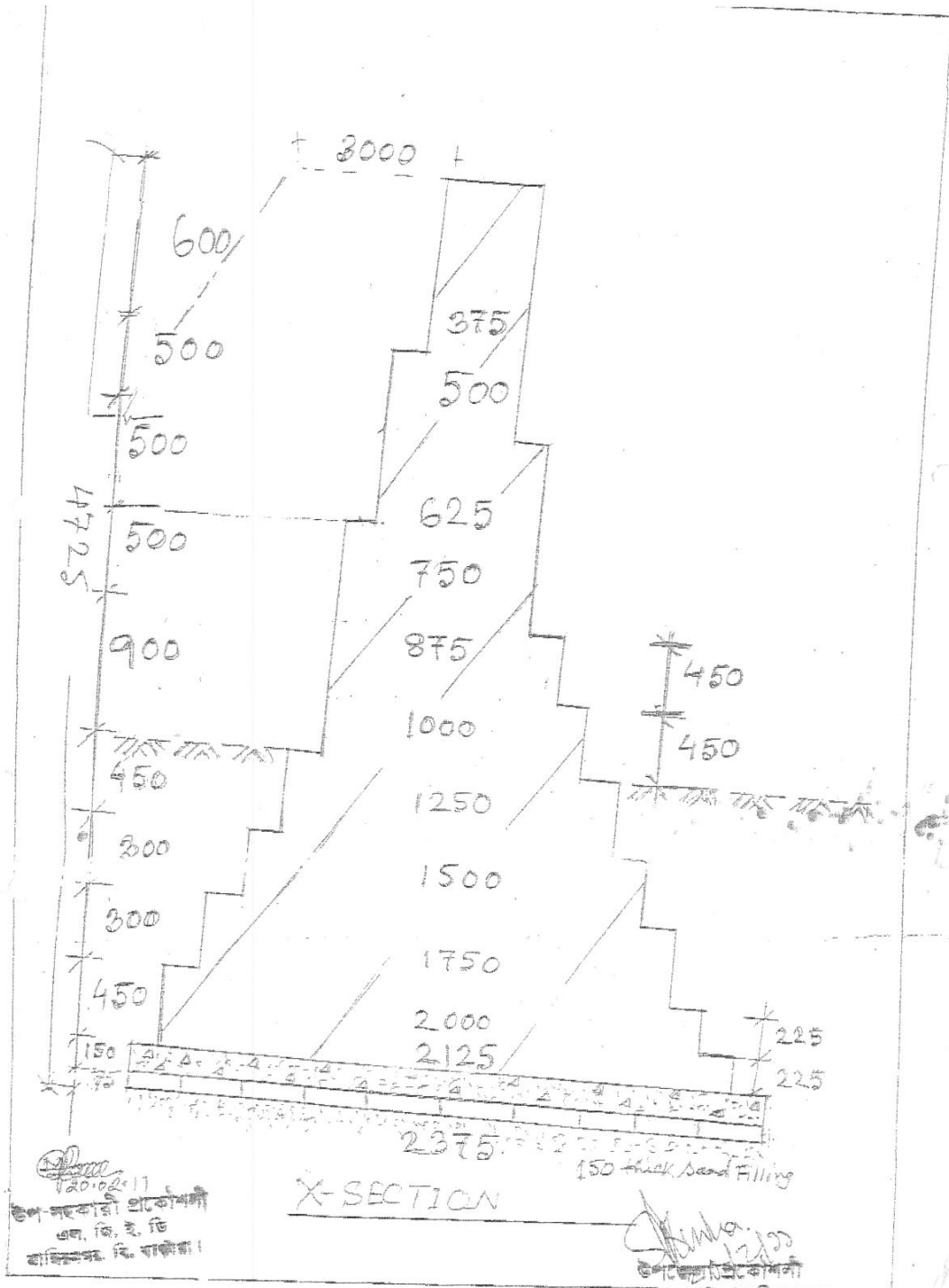
| | | | | |
|----|--|------------|--|--|
| | surface including bailing out water, removal of spoils to a safe distance, back filling of sites of trenches up to original level. Shoring if necessary etc. all complete as per direction of the EIC. Back filled materials shall be compacted to a density comparable with the adjacent undisturbed material. | | | |
| 10 | Single layer brick flat soling with 1 st class or picked jhama kiln burn bricks in foundation , filling the interstices tightly with sand of minimum Fm 0.50, watering, leveling, dressing , etc. all complete as per direction of the E-I-C | 10.500 cum | | |
| 11 | Reinforced cement Concrete work in bottom and top slab of box culvert of any height with stone chip (Preferably stone chips from Madhyapara, Dinajpur) sand (Minimum FM.1.80) and cement having minimum 28 days ultimate cylinder crushing strength of 210kg/cm ² (suggested mix proportion 1:2:4) excluding cost of reinforcement and its fabrication but including cost of all other materials, shuttering, casting, curing for 28 days and all incidental changes ,etc. complete in all Bottom slab and approach slab. | 2.100 cum | | |
| 12 | Reinforced Cement Concrete work in diaphragm walls, wing wallpiers,columns, abutments of bridges and vertical members of box culverts with 20mm down graded stone chips (preferably stone chips from Madhyapara, Dinajpur) (LAA value not exceeding 30) sand (minimum FM 1.80) and cement having minimum 28 days ultimate cylinder crushing strength of 210kg/ cm ² (suggested mix proportion 1: 2:4) excluding cost of reinforcement and its fabrication but including cost of all other materials, shuttering , casting, curing for 28 days and all incidental charges, etc, all complete in all respect as per design, drawing and direction of the EIC up to height 5m. | 3.806 cum | | |
| 13 | Reinforced Cement Concrete work in deck slab (including cantilever) side wall, curb, wheel guard, etc. in bridge with stone chips (preferably stone chips from Madhyapara, Dinajpur), sand (minimum FM 1.80) and cement having minimum 28days ultimate cylinder crushing strength of 210kg/cm ² suggested mix proportion 1:2:4 excluding cost of reinforcement and its fabrication but including cost of all other materials, shuttering , casting, curing for 28 days and all incidental charges, etc. all complete | 16.815 cum | | |


| | | | | |
|--|---|--|--|-------|
| | in all respect as per design, drawing and direction of the E-I-C up to height 5m. | | | |
| 14 | Supplying and fabrication of M.S High Strength deformed bar/ twisted bar reinforcement of required size and length for all types of RCC work including straightening the rod, removing nuts, cleaning, cutting , hooking, bending binding with supply of 22 BWG . GI wire, placing in position, including lapping, spacing and securing then in position by concrete locks (1.1) metal chairs, etc. complete including cost of all materials, labour, local handling, laboratory test, incidentals necessary to complete the work as per specifications, drawing and direction of the Upazila Engineer. Laboratory test for physical property, strength, elongation% & bend to be performed as per ASTM (measurement will be based on standard weight of 490 lbs/ft ³ . Chairs, laps and separations will not be measures for payment. The cost of these will be included in the unit rate. M.S. rod, deformed (grade 40)) | 1845.723 kg | | |
| 15 | Providing weep hole of in abutment / retaining wall/ wing wall including placing and hand packing of 1 st class /picked jhama bricks metal (size 40mm - 63mm) @ 0.085cum in the back of each weep hole etc. all complete as per direction of the E-I-C. | 12 nos. | | |
| 16 | Arrange awareness raising session(s) for beneficiaries to keep the constructed wall protected from probable injuries and forming a wall maintenance group to take necessary measures by organizing the beneficiaries as on when required in consultation with PIO/ Upazila Engineer or other competent technical persons. | Arrangement of two sessions and formation of one committee | | |
| Part-2 Total | | | | =tk. |
| Part- 3 (10% Service Charge to be paid by CDMP to implementing agency) | | | | =tk. |
| Part- 4 (Amount of IT & VAT to be deducted at source as per govt. rules) | | | | =tk. |
| Total Package Amount (Part1+Part 2 + Part 3+Part 4) | | | | = tk. |
| In word Tk: | | | | |

NB: The tender submitting NGO must state the actual cost against each item mentioned in Part-1 and Part-2. CDMP will provide them 10% service charge as per existing provision, amount of which should be mentioned in Part-3. In case IT and VAT is not required, the amount mentioned in Part-4 will be deducted from total package amount.

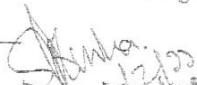
In addition to the hard copy, if possible please also provide the information on CD-Rom.

Annex III B
Proposed Design of Retaining Wall




 12.02.11
 উপ-সহকারী প্রকৌশলী
 এল. জি. ই. ডি
 নাসিরগঞ্জ বি. বাড়িয়া।

X-SECTION


 12.02.11
 উপ-সহকারী প্রকৌশলী
 এল. জি. ই. ডি.
 নাসিরগঞ্জ বি. বাড়িয়া।