

# NABADIGANTA INDUSTRIAL TOWNSHIP AUTHORITY

UNNAYAN BHAVAN, 1<sup>ST</sup> FLOOR, BLOCK-A, SEC-II, SALT LAKE CITY, KOLKATA-700091

Memo No: 180/NDITA/18

Date: 31/01/2018

## NOTICE INVITING e-TENDER e-TENDER No: **WBMAD/NDITA/51/2017-18** OF EXECUTIVE OFFICER, NDITA

Works details in the table below.

Sl. No.	Name of Work	Value put to Tender (₹)	Earnest Money(₹)	Time of Completion
1.	Supplying, Installation and Commissioning of a 60 MT capacity Pit Less type Electronics Weigh Bridge including a construction of weigh cabin with associated civil Job along with installation of CC TV Camera at Sector - V Saltlake under NDITA.	To be Quoted	50,000.00	90 days

1. Separate tenders are invited by the **Executive Officer, Nabadiganta Industrial Township Authority** for the work mentioned in the list attached herewith, through electronic tendering (e-tendering) from eligible and resourceful contractors having sufficient credential and financial capability for execution of works of similar nature.
2. **General Guidance for e-Tendering**  
Instructions/Guidelines for tenderers for electronic submission of the tenders online have been stated in the subsequent clauses.
3. **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, through logging on to <http://wbtenders.gov.in>. The contractor is to click on the link for e-tendering site as given on that web portal. **Joint Ventures will not be considered.**
4. **Digital Signature Certificate (DSC)**  
Each contractor is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the website stated in Clause 3. DSC is given as a USB e-Token.
5. **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 3 using the Digital Signature Certificate. This is the only mode of collection of tender documents.
6. **Participation in more than one work**  
Any contractor can collect and submit tenders for any number of works depending on his credential and financial capability.
7. **Submission of Tenders**
  - 7.1 **General process of submission**  
Tenders are to be submitted online through the website stated in Clause 3, 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. Using the Digital Signature Certificate (DSC), the documents are to be uploaded, virus scanned and digitally signed. The documents will get encrypted (transformed into non-readable formats).

## 7.2 Technical Proposal

The Technical Proposal should contain scanned copies and/or declarations in the following standardised formats in further two covers (folders).

### a) Technical File (Statutory Cover) containing,

- i. NIT & Addendum/Corrigendum if any.
- ii. Tender Form No. 1
- iii. Tender Fee – No Tender Fee is chargeable.
- iv. Structure and organisation (**Form-A**).
- v. 'Power of Attorney' – Scanned copy of power of attorney by the competent authority, if the power is delegated for signing the bid to persons other than the applicant must be uploaded.
- vi. Others
  - a) Declaration of not having common interest in the same serial (vide **Form-B**).
  - b) List of documents submitted should be mentioned in attached format (**Annex-P**). **'Annex-P' should have to fill properly, if required documents not mentioned in the 'Annex-P' the authority may not be liable to verify that.**

**Three different categories are provided in the NIT to submit bidders important documents. Bidders are requested to submit their documents in following manner. Sl. No. 5 to 17 of 'Annex-P' should be submitted under category 1(Certificates) & 2(Company details). Sl. No. 18 (Credentials) of 'Annex-P' should be submitted under category 3 (Credential).**

- vii. Drawings (if required).

**Note:** Tenders will be summarily rejected if any item in the statutory cover is missing.

### b. My Document (Non-Statutory Cover) containing,

- i. Certificates
  - a) Valid PAN issued by the IT Deptt., Govt. of India.
  - b) Valid 15-digit Goods and Services Taxpayer Identification Number (GSTIN) under GST Act, 2017.
  - c) Professional Tax (PT) Clearance Certificates, Income Tax Return verification form of last Assessment Year valid on the date of opening of the tenders. Application for such clearance addressed to the competent authority may also be considered.
  - d) Valid Electrical Contractor License of the Bidder (In case of Electrical works).
  - e) Declaration of the Electrical Supervisor engaged in the Concerned Company to be submitted through Notary. (In case of Electrical works)
  - f) Supervisor's Competency Certificate holding part No. at least for 1, 2, 7A & 11. (In case of Electrical works)
  - g) Electrical Workman's permit having part (I) & (V) and (XI) Completion Certificate with Schedule of works along with Order Copy of works as stated above. (In case of Electrical works)

- ii. Company Details
- a) Registered Deed for Partnership Firm from Registrar of Assurances having office at Todi Mansion, Kolkata. Mere application for registration will not be considered.
  - b) Trade Licence for Proprietorship Firms.
  - c) Memorandum of Articles for Limited Companies.
  - d) Society Registration and Bye-Laws for Cooperative Societies.

iii. Credential

- a) The prospective bidders shall have satisfactorily completed as a prime agency during the last 5(five) years prior to the date of issue of this NIT at least one work of similar nature of P.W.D / P.W.(R) Deptt. / Zilla Parishad / I&WD / Other Govt. Deptt. / Semi-Govt. / Autonomous body and having a magnitude of 40(Forty) percent of the Estimated amount put to tender of respective work and the said **40% credential value will be considered in respect of work actually completed (Considering percentage above/below or AT PAR)**. Credential certificate should be issued by the person not below the rank of Executive Officer / Executive Engineer / Divisional Engineer/ Chairman as the case may be.

N.B. Similar nature of work as per BOQ, Estimated amount, Gross bill value, Date of completion of project & detail communicational address of Client must be indicated in the Credential Certificate.

*Failure of submission of any one of the abovementioned documents will render the tender liable to summary rejection.*

iv. **Deposition of Earnest Money**

**The amount of Earnest Money is to be submitted through e-procurement system as per F.D. G.O. No.3975-F(Y) Dr.-28, July, 2016**

Necessary Earnest Money will be deposited by the bidder. Electronically; online through his net banking enabled bank account, maintained at any bank or: offline through any bank by generating NEFT/ RTGS challan from the e-tendering portal.

**Earnest Money will be considered @ 2% of the quotation amount. Additional earnest money (if any; if the earnest money is less than 2% of quoted amount) will be deposited in the form of Demand Draft in favour of "NABADIGANTA INDUSTRIAL TOWNSHIP AUTHORITY" payable at Kolkata within 1(one) week from the date of issuance of LOI to the L1/Successful bidder.**

### 7.3 Financial Proposal

The financial proposal should contain the following documents in one cover (folder), i.e. Bill of Quantities (BOQ). The contractor is to quote the rate (percentage above/below or AT PAR) online through computer in the space marked for quoting rate in the BOQ only. In case, quoting any rate in Tender form-1, the tender is liable to be summarily rejected.

Only downloaded copies of the above documents are to be uploaded, virus scanned and digitally signed by the contractor.

### 7.4 Eligibility Criteria

Contractor having Work Orders with Completion Certificates of executing **at least 40% value (Completed value of work considering percentage above/below or AT PAR)** of similar nature of work in a single contract (during last 5 years from the date

of this NIT), The Tender Inviting and Accepting Authority will determine the eligibility of each bidder, the bidders shall have to meet all the minimum criteria regarding :-

- a) Financial Capacity
- b) Technical Capability comprising of personnel & equipment capability
- c) Experience / Credential

The eligibility of a bidder will be ascertained on the basis of proper documents in support of a, b, c above. If any document submitted by a bidder is either manufactured or false or in case their previous work record is not satisfactorily in NDITA the eligibility of the bidder/ tenderer will be out rightly rejected at any stage without any prejudice.

#### **7.4.1 Completion Certificate**

- i. Completion Certificates for fully (100%) completed works during the current year and last five financial years will only be accepted. Certificates issued for partly completed works will not be considered.
- ii. Completion Certificate of works executed in various Departments of Central, State Govt./Semi Govt. Organization/Statutory Body/Local Body/Govt. undertaking shall only be considered. Such certificates are to be issued by an official not below the rank of Executive Engineer/Divisional Engineer/ District Engineer/Project Manager/Executive Officer/Chairman, as the case may be.

#### **7.4.2 Eligibility criteria for participating in more than one tender**

- i. Normally separate completion certificate of fully physically completed works is to be provided for separate work. However, completion certificate for **one particular work may be considered as eligible for participation in maximum two numbers of serials, provided required credential for two such works satisfies the requirement in all respect from one such completion certificate.**

#### **7.4.3 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 a period as will be decided by the competent Authority. In addition, his user ID will be deactivated and Earnest Money Deposit will stand forfeited.

#### **7.5 Taxes & duties to be borne by the Contractor**

Income Tax, GST, Royalty, Construction Workers' Welfare Cess and similar other statutory levy / cess will have to be borne by the contractor and the rate should be quoted accordingly after consideration of all these charges. Service Tax, if applicable, would be reimbursed subsequently.

#### **7.6 Site inspection before submission of tender**

Before submitting any tender, the intending tenderers should make themselves acquainted thoroughly with the local conditions prevailing at site by actual inspection of the site and taking into consideration all factors and difficulties likely to be involved in the execution of work in all respect including transportation of materials, communication facilities, climate conditions, nature of soil, availability of local labour and market rate prevailing in the locality etc. and no claim, whatsoever, will be entertained on these account afterwards. In this connection intending tenderers may

contact the office of **Nabadiganta Industrial Township Authority, Unnayan Bhavan**, between 11.30 hours to 16.30 hours on any working day prior to date of submission of tenders.

#### 7.7 Conditional and incomplete tender

Conditional and incomplete tenders are liable to summary rejection.

### 8. Opening and evaluation of tender

#### 8.1 Opening of Technical Proposal

- i. Technical proposals will be opened by the **Executive Officer, Nabadiganta Industrial Township Authority** and/or his authorised representatives electronically from the website stated in Clause 3, using their Digital Signature Certificates.
- ii. Intending tenderers may remain present if they so desire.
- iii. Cover (Folder) for Statutory Documents (vide Clause 7.2.a) should be opened first and if found in order, Cover (Folder) for Non-statutory Documents (vide Paragraph - 7.2.b) will be opened. If there is any deficiency in the Statutory Documents, the tender will summarily be rejected.
- iv. Decrypted (transformed into readable formats) documents of the Non- statutory Cover will be downloaded, and handed over to the Tender Accepting Authority.

#### 8.2 Uploading of summary list of technically qualified tenderers (1st round)

- i. Pursuant to scrutiny and decision of the Technical Accepting Authority, the summary list of eligible tenderers and the serial number of work(s) for which their Financial Proposals will be considered will be uploaded in the web portals.
- ii. While evaluation, the Tender Accepting Authority may summon the tenderers and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these cannot be produced within the stipulated timeframe, their proposals will be liable for rejection.

#### 8.3 Opening and evaluation of Financial Proposal

- i. **Notification no. 925-F(Y), dated 14.02.2017 of Finance Department, Audit Branch, Govt of W.B. will follow for acceptance of L1/H1 bid/ Single bid when the no. of qualified bidders during 2nd call is less than 3.**
- ii. Financial proposals of the tenderers declared technically eligible by the Tender Accepting Authority will be opened electronically from the web portal stated in Clause 3 on the prescribed date, by the **Executive Officer, Nabadiganta Industrial Township Authority**,
- iii. The encrypted copies will be decrypted and the rates will be read out to the contractors remaining present at that time.
- iv. After evaluation of Financial Proposal, by the Tender Accepting Authority, **Executive Officer, Nabadiganta Industrial Township Authority**, may upload the final summary result containing inter- alia, name of contractors and the rates quoted by them against each work provided it is satisfied that the rate obtained is fair and reasonable and there is no scope of further lowering down of rate.
- v. After holding such bids, final summary result would have to be uploaded in the web portal, through corrigendum.
- vi. The Tender Accepting Authority may ask any of the tenderers to submit analysis to justify the rate quoted by that tenderer.

**8.4 Procedures to be followed when one/two technically qualified tenderers participated in any tender.**

- a. Normally, financial bid of technically qualified single/two tenders shall not be accepted in the first instance. In that case the financial bid(s) shall not be opened and the tender process shall be dropped. A fresh notice inviting tenders (2<sup>nd</sup> call) shall be issued and the procedure shall have to be followed by the intending bidders afresh.

**9. Acceptance of Tender**

- I. 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 also reserves the right to distribute the work amongst more than one tenderer.
- II. During the entire process of the tender, if it is found that any penal measures imposed by any Govt/Semi-Govt. Deptt/Autonomous body against any intending tenderer, the Authority reserves the right to reject any bid offered by the said tenderer.

**10. Payment**

The payment of RA as well as final bill for any work will be made depending on the progress of work and no claim for delay in payment will be entertained.

11. Successful Bidder will have to submit details sustainable drawing for the site as per nomenclature of this NIT before execution of the work.

**12. Bid validity:**

The Bid will be valid for 120 days from the date of opening of the Financial Bid.

**13. Schedule of Dates for e-Tendering**

Sl. No.	Activity	Date & Time
1.	<i>Publishing Date</i>	<i>01/02/2018 at 16:30 hrs.</i>
2.	<i>Document Download start date</i>	<i>01/02/2018 at 17:00 hrs.</i>
3.	<i>Bid submission start date</i>	<i>01/02/2018 at 17:00 hrs.</i>
4.	<i>Bid submission end date</i>	<i>16/02/2018 at 17:00 hrs.</i>
5.	<i>Technical Bid opening date</i>	<i>19/02/2018 at 12:00 hrs.</i>
6.	<i>Uploading of Technical Bid Evaluation sheet</i>	<i>To be notified later on</i>
7.	<i>Financial Bid opening date</i>	<i>To be notified later on</i>
8.	<i>Uploading of Financial Bid evaluation sheet</i>	<i>To be notified later on</i>

**Note:-** The bidder whose bid shall have been accepted will be notified by the Tender Accepting Authority through letter of acceptance.

The letter of acceptance will constitute the formation of contract.

**FORM-A  
STRUCTURE AND ORGANISATION**

A.1 Name of applicant .....

A.2. Office Address with Pin code no. ....  
 Telephone No. ....  
 Fax No.....  
 E-mail Address:.....

Signature of applicant including title  
and capacity in which application is made.

**Form – B  
Declaration against Common Interest**

I/We, Sri/Smt ....., the authorized signatory on behalf of do hereby affirm that I/We/any of the member of ..... bidding against NIT No..... SI. No..... do not have any common interest either as a partner on any partnership firm / consortium as a Proprietor / Owner of any other firm in the same serial for the work I / We want to participate.

Date:  
Signature:

**Annex – P  
List of documents submitted**

Name of the work: .....

NIT No.: ..... SI No. .... Tender ID: .....

Sl. No.	Submitted documents	Name of the File												
1	NIT													
2	FORM 1													
3	FORM A													
4	FORM B													
5	Income tax return submitted for the year ....., ..... & .....													
6	Trade Licence: Valid up to.....													
7	PAN NO:.....NAME: .....													
8	GST Reg.....													
9	Professional Tax Submitted up to:													
10	Electrical Contract license (in case of Electrical works):													
11	Electrical workman permit (in case of Electrical works):													
12	ESIC registration certificate (if applicable in NIT)													
13	PF registration certificate (if applicable in NIT)													
14	Bank Solvency, Amount:													
15	Technical Parsons:													
16	Tools & Machineries													
17	(If any other parameter required as per NIT)													
18	Credential for the similar nature of work (50% of the work value)													
	<table border="1"> <thead> <tr> <th>Name of the work</th> <th>Completion date</th> <th>Amount (In Lac)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the work	Completion date	Amount (In Lac)										
Name of the work	Completion date	Amount (In Lac)												

Date:  
Signature:

## **Annexure- A**

### **I. Technical specification - Equipment**

Supply of 60 Te capacity Electronic pit less type (9.00m X 3.00m platform size) Road weigh bridge-1No

#### **1. Capacity:-**

60,000 kg ( in steps of maximum 10 kg) suitable for weighing of Lorry. The machine shall have the approval of Weights & Measures and a copy of the same will accompany with the offer.

#### **2. Electronic Peripherals:-**

- a) Computer (Pentium- 5 or equivalent) with 1GB RAM, 160GB HDD, 1.44MB FDD and DVD Writer, with required hardware for the weighing system etc.
- b) 14"/15" Color Monitor with standard Key board suitable for the system.
- c) 80 column Dot matrix printer suitable to the system.
- d) Seven segment Digital weight display on weighing system.

#### **3. System soft ware:-**

It shall be interactive to the operator in as simple a language as possible. The soft ware will provide at least the followings:-

Tare weight, Gross weight, Net weight, Customers' name, Vehicles no, Date, Time in, Time out,

#### **4. Load transducers:-** A set (6 Nos.) of suitable capacity Double ended shear beam/suitable type load cell.

#### **5. Weigh bridge structure:-** Size 9m x 3m Fabricated M.S. structure to withstand the 60T capacity of loaded Lorry including load cell mountings and painting complete.

#### **6. System Protection :-**

Suitable arrangement for protection of system from surge voltage/ voltage fluctuation shall be provided by **Unit authority**, since supply (3Ph-4Wire 230v A/C 50 HZ ) is being given to the weigh cabin by unit authority.

#### **7. Un-interrupted power system unit:-**

700VA U.P.S of reputed make with batteries of standard make with one hour back up capacity. U.P.S will take care of voltage fluctuation from 175V-250V.

## **Annexure - B**

### **I. Technical specification – Civil & Electrical works**

On turnkey basis the price shall be separately quoted based on the Drawing. The job shall cover the following:-

**a) Weigh Cabin :-** 4.0m X 3.5m X 3.1m including dust room (inside dimension) which shall be separated by a partition wall and door with 1.5Te Air conditioner and necessary electrical installation as detailed below. The construction of weigh cabin shall be as per enclosed drawing and specification of civil work.

#### **Civil Work:-**

- 1) The bearing capacity of soil is to be considered as 10Te -15Te /Sqm.
- 2) Foundation for building tentative as shown in the drawing.
- 3) 10" thick Brick work with first class kiln burnt bricks and cement mortar 1:6
- 4) 1:2:4 RCC with 200 mm down stone aggregate for lintel, chujja, roof slab, etc.
- 5) Wooden Doors- 2 nos as per drawing.
- 6) Steel Glazed windows -02 nos. as per drawing.
- 7) IPS Flooring at all rooms but Vinyl flooring over IPS flooring shall be provided at weigh room only..
- 8) Finishing work :-
  - 12mm thick cement plastering (1:6) to all exposed surface of brick work and 6mm thick plastering (1:6) for ceiling & chujja
  - Plaster of paris punning to inside rooms.
  - Plastic emulsion paint two coats with a coat of cement primer.
  - Water proofing cement paint of two coats to outside walls.
  - Two coats of synthetic enamel paints to doors & windows.
  - Water proofing treatment with 2 layers of Tar-felt on roof slab.

**Foundation** for weigh-bridge platform (Design & drawings shall be provided by the party)

-Earth work



- Plain cement concrete
- Reinforce cement concrete **Ramp** of weigh-bridge
- Brick wall (375 mm thick) to be constructed on both sides of the ramp (at least 3.0 m long) to protect the filling materials of ramp
- Stone Ballast (required thickness) to be laid at bottom layer of ramp
- Sand filling to be done on both side (100 mm thick) over the filling
- R.C.C (1:3:6) to be provided on both side (100 mm thick) over the filling
- R.C.C (1:2:4) ) to be provided on both side (200 mm thick) over P.C.C Two layer (T&B) shall be laid with 10 mm tor rod @ 200 c/c on both direction at top & bottom reinforcement with necessary chair for R.C.C. work of ramp.

**Electrical Works :-**

**1. Electrical wiring** (Concealed Conduit) in all rooms with adequate capacity of copper wire and providing separate wiring for computer and Air conditioner with suitable copper wire. Necessary MCBs, switch boards and socket fittings to be provided as required.

**2. Supply, fitting and fixing of electrical items.-**

- 1 no 1.5 Ton capacity Air Conditioner of Voltas/ Carrier/ Blue star/ Shriram(Usha) make with a suitable capacity voltage stabilizer (Sen & Pandit / OPTO /any Suitable make) suitable for air conditioner including wooden frame for A.C.
- 01 nos of ceiling fans of ( Usha/ Polar /Khaitan make) required size.
- 9" (225mm) dia Exhaust fan ( Khaitan /ROXY/ equivalent ISI standard).
- 01 no bulb fittings & 02 nos Tube light fittings with Tube, choke, and starter( Phillips/ Laxman Silvania/ Bajaj make) .
- 02 nos CFL Bulkhead fittings complete with LAMP

**3. Construction of Earth Pit** - 02 nos. as per ISI standard with supplying necessary materials including 3.00mtrs of GI pipe, 300X300X6 mm thick copper plate and 4.00m/10swg copper wire, Charcoal, Sand & Salt, etc.

**4. Providing lightning Arrester** conforming to relevant IS standard, including providing continuity with Earthing arrangement made for power supply.

**5. Weigh cabin** should be provided with approved quality of one no steel Table of suitable size for accommodating the electronic equipments and normal functioning of weighbridge and two nos. of steel Chair for operators. All the work shall be executed in accordance with the IS specification or as per direction of Engineer in charge.

**6. Supply Source:** - 3 Ph -4Wire 230v +/- 10% , 50Hz +/- 3% A/C power supply shall be arranged by unit authority at weigh cabin with a Suitable Main switch.

### **Annexure - C**

**III. Technical specification- Erection, Testing & Commissioning.**

**1. Stamping by Legal Metrology Dept.:-** The weigh bridge shall be verified, tested and stamped by Legal Metrology.

**2. Services: -**

**a) Responsibility of the Supplier: -**

- Erection, testing, commissioning & calibration of the system.
- Attending to Stamping & Verification by Legal metrology.
- Liasoining with Inspectors.

### **GENERAL TECHNICAL CONDITIONS**

**1.0 GENERAL**

1.1 This part covers technical conditions pursuant to the contract and will form an integral part of the Contract. The following provisions shall supplement all the detailed technical specifications and requirements brought out in the accompanying technical specifications.

**2.0 LIMIT OF CONTRACT**

2.1 Equipment furnished shall be complete in every respect with all mountings, fittings, fixtures and standard accessories.

**3.0 EQUIPMENT PERFORMANCE GUARANTEE**

3.1 The performance tests of the equipment under the scope of the contract are detailed in the technical specifications. These guarantees shall supplement the general performance guarantee provisions covered under general terms & conditions of contract in clause entitled "Guarantee".

#### **4.0 ENGINEERING DATA**

4.1 The furnishing of engineering data by the contractor shall be in accordance with the schedule for each set of equipment as specified in the technical specifications.

#### **5.0 DRAWING**

5.1 All drawings submitted by the contractor including those submitted at the time of bid shall be sufficiently detailed.

#### **6.0 INSTRUCTION MANUALS**

6.1 The contractor shall submit to the engineer preliminary instruction manuals for all the equipment, covered under the contract within the time agreed upon between the owner & the contractor.

#### **7.0 QUALITY ASSURANCE**

7.1 Quality Assurance Programme

7.2 To ensure that the equipment and services under the scope of this contract whether manufacture or performed within the contractor's works or at his sub-contractor's premises or at the owner's site or at any other place of work are in accordance with the specifications, the contractor shall adopt suitable quality assurance programme to control such activities at all points necessary.

#### **8.0 SERVICE BY THE OWNER**

8.1 The following services shall be provided by the owner:

- i. Construction/ drinking water at one point within 100 metres of the work site on charges to be decided by the company.
- ii. Auxiliary power for construction at one point within 100 meters of the work site on charges to be decided by the company.

### **ERECTION CONDITION OF CONTRACT**

#### **1.0 GENERAL**

1.1 The following shall supplement the conditions already contained in the other parts of these specifications and documents and shall govern that portion of the work of this contract to be performed at site.

#### **2.0 OWNER'S LIEN ON EQUIPMENT**

2.1 The owner shall have lien on all equipment including those of the contractor brought to the site for the purpose of erection, testing and commissioning of the weighbridge.

#### **3.0 INSPECTION, TESTING AND INSPECTION CERTIFICATES**

The provisions of the clause entitled inspection, testing and inspection certificates under section GTC shall also be applicable to the erection portion of the works. The engineer shall have the right to reinspect any equipment though previously inspected and approved by him, at the contractor's works, before and after the same are constructed and/or erected at site. During the inspection, if the engineer rejects any work or equipment, the contractor shall have to make good for such rejection either by replacement or modifications/repairs as may be necessary, to the satisfaction of the engineer.

#### **4.0 ACCESS TO SITE AND WORKS ON SITE**

4.1 Suitable access to and possession of the site shall be accorded to the contractor by the owner in reasonable time.

4.2 In the execution of the works, no persons other than the contractor or his duly appointed representative, sub-contractor and workmen, shall be allowed to do work on the site, except by the special permission, in writing of the engineer or his representative.

#### **5.0 CONTRACTOR'S SITE OFFICE ESTABLISHMENT**

5.1 The contractor shall establish at site and keep posted an authorized representative for the purpose of the contract.

#### **6.0 CONTRACTOR'S FIELD OPERATION**

6.1 The contractor shall keep the engineer informed in advance regarding his field activity plans and schedules for carrying out each part of the works.

#### **7.0 PROGRESS REPORT**

7.1 The monthly progress report detailing out the progress achieved on all erection activities as compared to the schedules. The report shall also indicate the reasons for the variance between the scheduled and actual progress and the action proposed for corrective measures wherever necessary.

#### **8.0 PROTECTION WORK**

8.1 The contractor shall have total responsibility for protecting his works till it is finally taken over by the engineer.

#### **9.0 EMPLOYMENT OF LABOUR**

9.1 The contractor will be expected to employ on the work only his regular skilled employees with experience of his particular work. No female labour shall be employed after darkness. No persons below the age of eighteen ears shall be employed.

#### **10.0 FACILITIES TO BE PROVIDED BY THE OWNER.**

##### **10.1 SPACE:**

The contractor shall advise the owner within thirty (30) days from the date of acceptance of the letter of award, about his exact requirement to carry out his work.

##### **10.2 ELECTRICITY**

The contractor shall submit to the engineer within thirty (30) days from the date of acceptance of the award letter, his electrical power requirements.

##### **10.3 WATER**

Supply of water will be made available for the construction purposes at an agreed single point within 100 metres of the work site.

#### **11.0 FACILITIES TO BE PROVIDED BY THE CONTRACTOR**

11.1 Tools, tackles and scaffoldings - The contractor shall provide all the construction equipment, tools, tackles and scaffoldings required for re-assembly, erection, testing and commissioning of the weighbridge.

11.2 First – aid -The contractor shall provide necessary first-aid facilities for all his employees, representative and workmen working at the site. Enough number of contractor's personnel shall be trained in administering first –aid.

#### **12.0 LINES AND GRADES -**

12.1 The contractor shall be responsible to locate and layout the works.

#### **13.0 FIRE PROTECTION**

13.1 The work procedures that are to be used during the erection shall be those which minimize fire hazards to the extent practicable.

#### **14.0 SECURITY**

14.1 The contractor shall have total responsibility for all equipment and materials in his custody stored loose, semi-assembled and/or erected by him at site. The contractor shall make suitable security arrangements including employment of security personnel to ensure the protection of all materials, equipment and works from theft, fire, pilferage and any other damages and loss.

#### **15.0 MATERIALS HANDLING AND STORAGE**

15.1 All equipment shall be handled very carefully to prevent any damage or loss. No bare wire ropes, slings etc. shall be used for unloading and/or handling of the equipment without the specific written permission of the engineer. The equipment stored shall be properly protected to prevent damage either to the equipment or to the floor where they are stored. The equipment from the store shall be moved to the actual location at the appropriate time so as to avoid damage of such equipment at site.

15.2 The contractor shall ensure that all the packing materials and protection devices used for the various equipment during transit and storage and removed before the equipment are installed.

15.3 If the materials belonging to the contractor are stored in areas other than those earmarked for him, the engineer will have the right to get it moved to the area earmarked for the contractor at the contractor's cost.

15.4 The contractor shall be responsible for making suitable indoor storage facilities to store all equipment which require indoor storage at site during installation.

#### **16.0 CONSTRUCTION MANAGEMENT**

16.1 Time is the essence of the contract and the contractor shall be responsible for performance this works in accordance with the specified construction schedule.

#### **17.0 FIELD OFFICE RECORDS**

17.1 The contractor shall maintain at his site office up-to-date copies of all drawings, specifications and the contract documents and any other supplementary data complete with all the latest revisions thereto.

#### **18.0 CONTRACTOR'S MATERIALS BROUGHT TO SITE**

18.1 The contractor shall bring to site all equipment, parts, materials, including construction equipment tools and tackles for the purpose of the works with intimation to the engineer.

#### **19.0 PROTECTION OF PROPERTY AND CONTRACTOR'S LIABILITY**

19.1 The contractor shall be responsible for any damage resulting from his operations. He shall also be responsible for protection of all persons including members of public and employees of the owner and the employees of other contractors and sub-contractors and all public and private property including structures, buildings, other plants and equipment and utilities either above or below the ground.

#### **20.0 INSURANCE**

20.1 In addition to the conditions covered under the clause entitled insurance in general terms and conditions of contract of this volume-1, the following provisions will also apply to the portion of the works to be done beyond the contractor's own or his sub-contractor's works.

#### **21.0 WORK AND SAFETY REGULATIONS**

21.1 The contractor shall ensure proper safety of all the workmen, materials, plant and equipment belonging to him or the Company or to others, working at or near the site. The contractor shall also be responsible for provision of all safety notices and safety equipment required both by the relevant legislation and the engineer-in-charge as he may deem necessary.

21.2 The engineer-in-charge shall have the right at his sole discretion to stop the work, if in his opinion the work is being carried out in such a way that it may cause accidents and endanger the safety of the persons and/or property, and/or equipment.

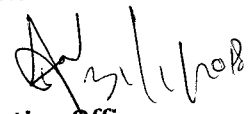
21.3 The contractor shall not be entitled for any damages/compensation for stoppage of work due to safety reasons.

21.4 The contractor shall follow and comply with all the Company safety rules relevant provisions of applicable laws pertaining to the safety of workmen, employees, plant and equipment as may be prescribed from time to time without demur, protest or content or reservation.

#### **22.0 CHECK OUT OF CONTROL SYSTEMS/ POWER SUPPLY**

22.1 After completion of wiring, cabling furnished under separate specifications and laid and terminated by the owner, the contractor shall check out the operation of all control systems for the equipment furnished and installed under these specifications and documents.

**23.0 CABLING** -All cables shall be supported by conduits or cable tray run in air or in cable channels. These shall be installed in exposed runs parallel or perpendicular to dominant surfaces with right angle turn made symmetrical bends or fittings.



**Executive Officer**

**Nabadiganta Industrial Township Authority**



# NABADIGANTA INDUSTRIAL TOWNSHIP AUTHORITY

Unnayan Bhavan, 1st Floor, Block - A, Sector - II, Salt Lake, Kolkata - 700 091

Memo No: 180/1(14)/NDITA/18

Date: 31/01/2018

## Copy forwarded for kind information and with request for publicity to:-

1. The Secretary KMDA, Unnayan Bhavan, Bidhannagar.
2. The Chief Engineer, Municipal Engineering Directorate, Bikash Bhavan, Bidhannagar, Kolkata - 700 091.
3. The Project Director, Sundarban Development Board, Mayukh Bhavan.
4. The Municipal Commissioner, Bidhannagar Municipal Corporation.
5. The Sub- Divisional Officer, Bidhannagar.
6. The Special Engineer, Urban Development & Municipal Affairs Department, Nirman Bhavan, Bidhannagar, Kolkata- 700 091.
7. The Executive Engineer 24 Parganas, Divn-II, MED, Bikash Bhavan.
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Executive Officer

Nabadiganta Industrial Township Authority

