



Office of the Councillors of Sonamukhi Municipality

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DETAILED NOTICE INVITING TENDER

NIT NO. 09/WS/SM/2012

DATED – 30.04.12

Sealed item rate tenders in printed form as specified are invited by the Chairman, Sonamukhi Municipality for the following work from the eligible tenderers as per the particulars given below and will be received by the Chairman, Sonamukhi Municipality on behalf of Board of the Councillors of Sonamukhi Municipality, P.O. Sonamukhi .

1.a)	Name of the work	:	1) Supplying & Laying of H.D.P.E.(P.N.-6) Pipe in Distribution System for the proposed water supply scheme for zone - I under Sonamukhi Municipality under the Spl. BRGF Programme. 2). Supplying & Laying of H.D.P.E.(P.N.-6) Pipe in Distribution System for the proposed water supply scheme for zone - III under Sonamukhi Municipality under the Spl. BRGF Programme. 3). Supplying & Laying of H.D.P.E.(P.N.-6) Pipe in Distribution System for the proposed water supply scheme for zone - IV under Sonamukhi Municipality under the Spl. BRGF Programme..
b)	Estimated cost put to Tender	:	i) Rs. 36,24,418.00 for Zone - I ii) Rs. 40,32,125.80 for -Zone - II iii) Rs. 51,10,545.00 for Zone – III
c)	Name and address of the Engineer-in-charge	:	Executive Engineer, Bankura Division, M.E.Dte.
d)	Contractor eligible to submit tender	:	Enlisted 1 st class contractor of P.W.D / P.H.E. / bonafide outsiders / Joint Sector Organisations having sound financial status and having experience in successfully executing of at least one similar work under single contract executed within last 5 years and also having valid PAN No., VAT Registration Certificate & Professional Tax Clearance Certificate. Any other contractors/organizations having valid PAN No., VAT Registration Certificate & Professional Tax Clearance Challan but do not possess the required work credentials may also apply if they are currently successfully executing any other component related to the UIDSSMT/other Programme related to Municipality and M. E. Dte.

e)	Earnest Money	:	Rs. 20,000=00 (Twenty Thousand) for each work only in form of Bank draft of any Nationalized Bank in favour of Chairman, Sonamukhi Municipality payable at Sonamukhi, the balance amount out of 2% of tendered amount, is to be paid by the successful bidder.
f)	Printed form in which tender is to be submitted	:	%age rate tender in printed Municipal Tender Form incorporating terms & conditions of W.B. Form no. - 2911.
g)	Price per copy of the set of tender documents	:	Rs. 1,500=00 (One thousand five hundred) only.
h)	Last date of receiving application for tender documents	:	31.05.12 upto 3.00 P.M. (I.S.T.)
i)	Last date & time limit for issuing tender documents	:	04.06.12 upto 3.00 P.M. (I.S.T.)
j)	Last date time limit & place for dropping of tender documents	:	07.06.12 upto 3.00 P.M. (I.S.T.) in the Tender box kept at Sonamukhi Municipal Office.
k)	Date, time & place of opening the tender	:	07.06.12 at 4.00 P.M. (I.S.T.) ; Sonamukhi Municipality office.
l)	Time of completion of work	:	6 (six) months from the date of issue of formal work order.
m)	Mode of issue of tender paper	:	Tender paper will be issued by the Chairman, Sonamukhi Municipality only to the applicant who will be recommended by the Superintending Engineer, South Circle, M.E.Dte.
n)	Location of Godown from which Deptt. materials (if any) may be issued	:	Sonamukhi Municipal Godown (will be issued exclusively on recommendation of the Engineer-in-Charge.)

2) The tender documents and other relevant particulars (if any) may be seen by the intending tenderers during office hours in the office of the Chairman, Sonamukhi Municipality at Sonamukhi Town or office of the Superintending Engineer, South Circle / Executive Engineer, East Midnapore Divn., M.E.Dte.

3) Applicants intending to purchase tender papers are requested to produce valid PT clearance, VAT Registration certificate, PAN Card and appropriate credential certificate in original along with the attested photo copies of each in duplicate for each work and a prayer for purchase of tender documents addressed to the Chairman, Sonamukhi. The application along with the aforesaid papers will be referred to the Office of the Superintending Engineer, South Circle, M.E.Dte. as mentioned in 1(m) for his examination and recommendation, on the basis of which tender papers will be issued.

4) The undersigned reserves the right to reject the lowest tender or all the tenders without assigning any reason thereof and he is not bound to accept the lowest tender also.

5). Contractors can quote, provided they enclose the proper authorization Certificate from PE pipe Manufacturer who satisfies all the qualification criteria and in this respect he should produce undertaking of manufacturers having qualification criteria as per Annexure below.


 Chairman,
 Sonamukhi Municipality



Copy forwarded for information and wide publicity through Notice Board to:-

1. The Director, SUDA, ILGUS Bhaban, HC-Block, Salt Lake, Kol-106
2. **The Chief Engineer**, Municipal Engineering Directorate, Bikash Bhavan, Salt Lake, Kol. – 91.
3. **The Add. Chief Engineer(South)**, Municipal Engineering Directorate, Bikash Bhavan, Salt Lake, Kol. – 91.
4. The Superintending Engineer, **South Circle, M.E.Directorate, Kharagpur.**
5. The Executive Engineer, **Bankura Division, M.E.Directorate, Taragoti Samanta Road, Kenduadihi**
6. The District Magistrate, **Bankura.**
7. The Media Officer, **Department of Information & Cultural Affairs, Writers' Bldg., Kolkata-700 001----**He is requested to kindly circulate this matter through Newspaper at least two insertions.
8. **THE NOTICE BOARD.**
9. **The Respective File.**
10. Local News Paper ,
11. National News paper
12. Office Website: www.sonamukhimunicipality.com



Chairman,
Sonamukhi Municipality



Annexure

SPECIFICATION FOR HDPE PIPES

1.1 HDPE PIPES :

- 1.1.1 Standard length of HDPE Pipes shall be of six meters or twelve meters of length or Coil of 100 m/ 50 m without any joints and defects.
- 1.1.2 The HDPE Pipes required to be supplied under this contract and to be manufactured using raw material as mentioned above, should be manufactured and tested in accordance with and strict compliance to IS 4984 specifications for water supply and IS 14333 specifications for underground sewerage / drainage.
- 1.1.3 The external and internal surface of the Pipes shall be smooth, clean and free from grooving and other defects.
- 1.1.4 All the performance requirements of the Pipes shall be as per and conforming to IS 4984 specifications for water supply and IS 14333 specifications for underground sewerage / drainage.
- 1.1.5 The contractor shall ensure strict compliance to designated HDPE raw material and HDPE Pipes as mentioned above at the time of tender submission as well as at the time of selection for procurement and installation.
- 1.1.6 No rework material of HDPE manufacturer or of any other source is permitted to be used for manufacturing of HDPE Pipes.
- 1.1.7 The HDPE Pipes to be supplied and installed under this contract shall be warranted for a period of ten years from the date of supply against any manufacturing defects.
- 1.1.8 The responsibility for compliance to strict specifications of HDPE raw material and HDPE Pipes and the trouble-free performance of HDPE Pipes, Laying, Jointing and Testing shall totally rest with the Contractor and hence the contractor is advised to ensure compliance by submitting the following documents at the time of tender submission and Contractor shall not be allowed to incorporate any changes :
 - a) Declaration from the HDPE Pipes manufacturers for having accepted for using HDPE raw material as mentioned above.
 - b) Declaration from the HDPE Pipes manufacturers for having accepted strict compliance to HDPE Pipes as per and conforming to IS 4984 specifications for water supply and IS 1433 specifications for underground sewerage / drainage..
 - c) Declaration from the HDPE Pipes manufacturers for for providing all necessary technical knowhow and expert for supervision for proper workmanship for 100% leak-proof and airtight jointing of Pipes for trouble-free performance of the pipelines and the manufacturers provide necessary training to the technicians of contractor for carrying out jointing og HDPE pipeline.
 - d) Contractors should deploy hydraulic welding machine with electrically heated and Teflon coated welding mirror equipped with electronic temperature controller for welding for jointing of Pipes strictly as per BIS Specifications.
 - e) Declaration from the HDPE Pipes manufacturers for having confirmed the availability of testing facilities for oxidation induction test, Environmental Stress Crack resistance test and thickness / weight control through wall thickness monitoring / gravimetric feeder control systems.
 - f) Declaration from the HDPE Pipes manufacturers for having confirmed the availability of adequate in-house facilities of testing of HDPE Pipes and raw material as per IS:4984/IS:14333 specifications
 - g) Declaration from the HDPE Pipes manufacturers for having confirmed the compliance to the following requirements for being qualified as approved supplier :
MINIMUM REQUISITES FOR HDPE PIPES TO BE SUPPLIED :
 - h) .HDPE pipe manufacturers shall submit test certificate issued by raw material manufacturer at the time of inspection of pipes by Third Party Inspection Agency.



- i) HDPE Pipes to be supplied, shall be of 6/12 mtrs continuous length or coil of 50/100 mtrs length without any joint (as per direction of EIC) and free from any defects. All HDPE Pipes shall be guaranteed for 24 months from the date of installation or 36 months from the date of supply against any manufacturing defects.

Contractors can also quote, provided they enclose the proper authorization Certificate from HDPE pipe Manufacturer who satisfies all the qualification criteria..

TROUBLE-FREE PERFORMANCE OF HDPE PIPES FOR ACHIEVING LOGNEST SERVICE AND ZERO MAINTENANCE ARE THE ESSENCE OF THIS CONTRACT.

HENCE THE FOLLOWING MINIMUM REQUISITES FOR ENSURING BEST QUALITY OF PIPES, QUALIFICATION OF MANUFACTURERS OF HDPE PIPES, STRICT COMPLIANCE TO BIS SPECIFICATIONS FOR LAYING, JOINTING & FIELD TESTING OF HDPE PIPES ARE EXPECTED TO BE COMPLIED :

RAW MATERIAL SPEC FOR HDPE PIPES

The raw material to be used for manufacturing of HDPE Pipes required to be supplied under this contract shall be virgin pre-compounded black of PE 80/PE 100 Grade(as to be specified by EIC). The percentage of anti-oxidant shall not be more than 0.3 percent of mass of finished resin. The dispersion shall be satisfactory when tested according to the procedures described in IS 4984 :1995.

- a) ****The resin should have been certified by an reputed independent laboratory for having passed 10,000 hrs Long Term Hydraulic Strength(LTHS).Test extrapolated for 50 yrs to show that the resin has a minimum MRS(minimum required strength) of over 10 Mpa. This test is mainly for approval of Resin Grade and not for approval of Resin lot.
- b) Third Party Inspection Agency will carry out the required tests on HDPE Resin raw material, proposed to be used for this project, prior to allowing the manufacturer to start the production and pipe to be tested as per IS:4984/95
- c) A declaration that only virgin pre-compounded raw material has been used for manufacturing of HDPE pipes shall be submitted failing which in event of placement of order, it may be cancelled.

The Manufacturers should be listed company and should have adequate experience(more than three years) of manufacturing of HDPE pipes. The following necessary documentary evidence to this effect is required to be submitted by the contractors at the time of submission of tender :

- (A) Certificate of registration and incorporation issued by registrar of companies.
- (B) Valid BIS Licence for all sizes, pressure ratings and grade of material mentioned in the bill of quantities.
- (C) The BIS Licence shall be in force continuously without suspension / defferement /blocking /withdrawal etc for last three years.
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- (D) Detailed statement /Certificate signed and issued by chattered accountant for the quantities produced and supplied in last 3 years .
- (F) Contractor should inform the department about the manufacturer whose pipes to be used. Contractor shall submit the copy of MOU between him/them and manufacturer from whom he will buying HDPE pipes.

Assesment/Evaluation report issued by reputed certifying agency for the manufacturing & testing facilities and capacities of the manufacturers of HDPE pipes. Department will either depute their officer or shall appoint agency to visit manufacturer's plant to assess the availability of manufacturing and testing facilities.

•Manufacturers shall have positive net worth for at least last three years . The balance sheets and profit and loss accounts for last three years duly certified by chattered accountant, is required to be submitted at the time of submission of tender as documentary evidence.



• The manufacturer shall be an ISO 9001,14001 & 18001 certified firm with approved QAS/QAP with fully equipped in-house testing facilities. Copy of the ISO certificate(s) along with quality assurance manual and details of testing facilities ,is required to be submitted at the time of submission of tender as documentary evidence.

•The manufacturer should have in-house testing facilities for raw material and HDPE pipes as per relevant specifications.

(7) ***The manufacturer shall have produced and supplied minimum quantity of 500 kms of 110 mm HDPE pipes, using PE-100,pre-compounded black HDPE resin in any one year during last three years.

Additional Qualification Criteria :

- (i) Since this is a very prestigious & time bound project, the manufacturer having maximum production capacity for HDPE Pipes, will be given preference.
- (ii) Manufacturer, from where the contractor will procure pipes, should possess Automatic Butt Fusion Welding Machine & all allied equipment, capable of jointing 110 mm or above size HDPE Pipes as well as qualified trained Welders to take care of butt jointing of HDPE pipelines of the tendered sizes. Documentary proof of purchase of Welding Machines in the name of bidder / manufacturer must be enclosed along with the Bid.

GENERAL CONDITIONS & SPECIFICATION

General Conditions:-

- (a) All works are to be done as per Indian Standard Specification with latest amendment in General if not otherwise specified elsewhere.
- (b) The 'Engineer -In-Charge' will mean the Executive Engineer, of the concerned Division of M.E. Directorate. The Assistant Engineer of the respective Division of M.e.dte, are also authorized to carry out the work on behalf of the E-I-C in regard to issue day to day instructions and to approve the materials. In case of any dispute, the decision of the E-I-C will be final and binding.
- (c) Prior to submission of tender/quotation the tenderer/quotationers must be satisfied regarding the location of store where the materials are to be supplied so as to have an increment knowledge of the transport problem and any other problems.
- (d) No Extra over rates will be added by 5% for works carried out in the civil sub-division jurisdiction within Kharagpur Municipality.

SPECIFICATION FOR SUPPLY OF HDPE PIPES AND SPECIALS Etc

i) All H.D.P.E. pipes(OD-118 mm) dia shall conform to Is: No 4984::1995 with latest amendment

ii) All HDPE specials (standard) required for HDPE pipes shall conform to IS 8008::2003 with latest amendment, as applicable.

iii) All HDPE pipes and specials must be duly tested to respective test pressure as per I.S.S by any one of the following agency

a) CI PET(Bhubaneswar-Orissa)

b) TRADE SUPERVISION INDIA PVT.LTD,26,C.R.AVENUE,KOLKATA-12,West Bengal.

c) DG&D(QA),Kolkata

The test certificate must be produced to the EIC at time of delivery of materials. The total cost of the inspection charges will have to be borne by the supplier concern and the municipality /deptt. will not re-imburse any amount in this connection what-so-ever.

iv) All HDPE standard specials shall be of minimum thickness and weight as per I.S.S.

v) The suppliers will have to make their own arrangement for weighing of the fitting individually and satisfy the E-I-C of his authorized representative not below the rank of Assistant Engineer as to



the correctness of the weight of the article supplied. No extra payment on this account and whatsoever, will be admissible.

vi).The weight of pipe and specials shall be strictly maintained. Any reduction of weight of weight of pipes and specials shall be treated as disqualification of materials. If, weight falls short of tolerance limit as per I.S Code, this will not be accepted.

vii).All materials will be supplied as per IS specification with latest amendment having mandatory ISI certification marking on all products as per BIS specification.

viii).The suppliers shall 'emboss' the name of the firm on the body of the materials supplied. So as to avoid any future complicacy in regard to the identification of the materials supplied by the firm.

ix).The supplier shall be bound to replace the defective/ su-standard materials at their own cost as and when informed by the EIC or his representative within six months from the completion of the supply of materials. The suppliers are also liable to remove the defective materials from the site at their own cost.

x).If, after installation pipes, specials, valves etc are found to be defective, the supplier will have to remove those defective articles at his own cost.

xi).S.D. money will be refunded after six months of the completion of supply to the entire satisfaction of the EIC.

xii).The supplier will arrange for inspection of pipes, specials etc by any one agency as stated in clause - 3, of this specification As per I.S.Code.

xiii).The materials to be supplied to the Municipal/deptt.store or site store of the respective work or in any store as per direction of the EIC.The rates quoted by the suppliers shall be inclusive of carriage cost, loading and unloading at both end.Sale tax,Cess,Excise duty and all other taxes d on this account.

xiv).Schedule of rates have been arrived with excise duty charges in all cases irrespective of dia. of pipes.Rate under excise duty exempted category or which project authority certificate for the schemes against desired quantity of pipes of various sizes, complying with central excise notification No:6/2006,dt.01.03.2006 as amended by notification no 6/2007, dt. 01.03.2007 shall be obtained and in such case equal amount will be deducted from the bill of agency.

xv).The supplier also be bound to show the hydraulic test of the pipes, specials and valves as per I.S. Specification if failed necessary by the EIC for those inspection, no extra cost will be paid.

xvi).EIC or his authorized Assistant Engineer, will approve and the necessary certificates regarding weight and quality of the materials as per I.S.code as well as certificate issued by the agency as per clause -6 of this specification on the body of challan, bill and M.B. etc.

xvii).All kinds of skilled, unskilled personnel and other tools & plants accessories viz. Heating Mirror, Welding jack and arrangement of Power either from WBSEDCL or by arrangement of operating of generator with necessary fuel and lubricant etc.

xvii).a). Levelling and alignment of both the ends of pipes is essential particularly in case of larger dia. pipes.



Chairman

Sonamukhi Municipality

