



North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences
(An Autonomous Institute, Ministry of Health and Family Welfare, Government of India)
Director's Block, Mawdiangdiang, Shillong 793 018 (Meghalaya)
Website: www.neigrihms.gov.in

Tender No: NEIGR/ENGG/113/2022/;

Dated: 27th April, 2023

TENDER /BID DOCUMENT

**ONLINE OPEN E- TENDER ARE INVITED FROM REGISTERED CONTRACTORS
OF PWD/ PHE/ ESTATE OFFICE (GAD)/ MES/ MeECL AND EQUIVALENT CLASS
OF CPWD FOR CONSTRUCTION OF WATER RESERVOIR OF 1.5 LAKHS
CAPACITY AND FILTER
(e -Procurement)**

Bid Document Downloading Start Date:	1400 hours of 27.4.2023
Last Date and Time for Submission of Bid Document Online:	1400 hours of 17.5.2023
Last date and Time of Receipt of Earnest Money Deposit (hard copies):	1400 hours of 17.5.2023
Date and Time of Opening of Techno -Commercial Bids:	1400 hours of 18.5.2023
Cost of Earnest Money Deposit (EMD):	Rs.50,500/-

Bidders /Tenderers can download the tender /bid document from Central Public Procurement Portal website at www.eprocure.gov.in
Bidders /Tenderers are required to submit their bid online by uploading all the relevant documents through www.eprocure.gov.in

Tender document can also be downloaded from the Institute's website at www.neigrihms.gov.in For further details regarding amendment /addendum /extension please visit website: www.eprocure.gov.in and www.neigrihms.gov.in

In the event of the date being declared as a closed holiday for purchaser's office, the due date for submission of bids online and opening of bids online will be the following working day at the appointed time.

DETAILED TENDER NOTICE

Online tenders in two bid systems are invited from registered contractors of PWD/PHE/Estate office (GAD)/MES/MeECL and equivalent class of CPWD for the following work.

Name of work	Estimated cost (Rs) (approx)	EMD (Rs)
Construction of water reservoir of 1.5 lakhs capacity and filter	Rs.25,25,017/-	Rs.50,500/-

General Conditions of Contract (GCC):

1. Bidders /Tenderers would be required to register on the Central Public Procurement Portal at www.eprocure.gov.in, using a valid Digital Signature Certificate (DSC) and valid email address to be able to participate in the bidding process. On registration with the Portal they will be provided with a user id and password by the system through which they can submit their bids online.
2. Digital Signature Certificate (DSC) may be obtained from any authorized agencies registered with the Certifying Authority (CA), through National Informatics Center (NIC) in India.
3. Bidders /Tenderers can download the bid document from Central Public Procurement Portal website at www.eprocure.gov.in Bidders /Tenderers are required to submit the bid online by scanning and uploading all the relevant documents through www.eprocure.gov.in
4. Tender document can also be downloaded from the Institute's website at www.neigrihms.gov.in For further details regarding Amendment /Addendum /Extension please visit website: www.eprocure.gov.in and www.neigrihms.gov.in
5. **Earnest Money Deposit (EMD) in the form of Call deposit, Banker's Cheque, Fixed deposit or Demand draft, drawn in favour of Deputy Director (Admn.), NEIGRIHMS, Shillong** or Bank Guarantee of any Scheduled Bank, shall be scanned and submitted online, along with the Techno-commercial bid (Un priced Bid), within the period of tender online submission date and time and the original (hard copy) should be sent to Executive Engineer (Civil), Director's Block, Mawdiangdiang, NEIGRIHMS, Shillong -793018 within the stipulated date and time.
6. The technical bids will be opened online by a committee of members duly constituted for the purpose at the time and date as specified in the tender document. All statements, documents, certificates, Affidavits, etc uploaded by the bidders will be verified and downloaded for technical evaluation and the result of technical bid evaluation will be displayed on www.eprocure.gov.in in which can be seen by all bidders who participated in the tender.
7. The bidders should download the **BoQ.xls** from CPP Portal and filled in the blank spaces provided for mentioning the name of bidder and rates. Bidders need not modify any other text or background shown in the BOQ template or replace it with any other copy of same **BOQ in .xls format**. NEIGRIHMS /Central Public Procurement Portal (www.eprocure.gov.in) will accept the BOQ template only and hence the rate should not be quoted in any other place except BOQ template.
8. The Financial bid (price bid) i.e. Bill of Quantity (BOQ) of only technically qualified bidders will be opened online by a committee of members and the result will be displayed on the www.eprocure.gov.in which can be seen by all bidders who participated in the tender.
9. Price evaluation will be done on Lump sum basis
10. The site is located at Mawdiangdiang
11. Time of completion: 3 (three) months from the date of issue of commencement order.
12. Contractors shall be deemed to have inspected and examined the site of work and its surroundings before submitting the tenders.
13. Tenderers will have to submit copy of their registration.
14. The contractor shall not sub-contract the work to sub-contractors or to any single sub-contractor. An undertaking by the contractor shall have to be submitted to this effect.
15. The successful contractor shall provide a performance security for his proper performance of the contract within 7 (seven) days from the date of receipt of letter of award. The performance Security shall be in the form of FD/Call Deposit to be pledged in favour of Deputy Director (Admn), NEIGRIHMS. In case the Performance Security is in the form of Bank Guarantee the same is to be sent to the Deputy Director (Admn), NEIGRIHMS in sealed envelope directly by the issuing Bank along with the forwarding letter indicating BG No. purposed of the BG, etc. The amount of the security shall be 3% (three percent) of the contract price. The performance security shall be valid until the contractor has executed and completed the works and remedied any defects therein in accordance with the contract. The Performance security shall be returned to the contractor within 14 days from the expiry of the Defect Liability period. If the contractor fails to perform the work as per terms and conditions of the contract, the performance security shall be forfeited.

16. If during the execution of the work the contractor encounters physical obstructions or physical conditions other than climatic conditions on the site, which obstructions or conditions were in his reasonable opinion not foreseeable by the contractor, the contractor shall forth with give notice thereof to the Executive Engineer (C) NEIGRIHMS. On receipt of such notice, the EE shall, in his opinion feel that such obstructions/conditions could not have been reasonably foreseen by the contractor, after due consultation with the contractor determine any extension of time with no financial bearing to which the contractor is entitled.
17. During the execution of the works, the contractor shall keep the site reasonably free from all unnecessary obstructions and shall store or depose of any contractors equipment and surplus materials and clear from the site any wreckage, rubbish or temporary works in consultation with the Sanitary Supt of the Institute.
18. Before issue of any completion certificate, the contractor shall clear away and remove from that part of the site to which the completion certificate relates all contractors' equipment, surplus material, rubbish and temporary works of every kind.
19. The contractor while employing labour should ensure that all the statutory labour laws and regulations are adhered to.
20. In the event of
 - a. The amount or nature of extra or additional work
 - b. Exceptionally adverse climatic conditions
 - c. Other special circumstances which may occur other than through a default or breach of contract by the contractor or for which he is responsible. Being such as fairly to entitle the contractor to extension of time for completion of the works or any section or part thereof, the Institute shall after due consultation with the contractor and subject to clause 11 determine the amount of such extension with no financial bearing and shall notify the contractor accordingly.
21. If the contractor fails to complete the execution and completion of the works as specified in the work order and if extension of time is granted if any in accordance with clause 16 and 20 of the GCC, the contractor shall be bound to pay as liquidated Damages a sum of 0.5 % (percent) per week of delay for such default subject to a maximum of 5 % of the contract price.
22. When whole of the works have been substantially completed, the contractor shall give a notice to the Executive Engineer (C) of the Institute, accompanied by a written undertaking to finish with due expedition any outstanding work during the defect Liability period. Such notice and undertaking shall be deemed to be a request by the contractor to the EE (C) to issue a taking over certificate.
23. Defect liability period shall be 12 (twelve) months calculated from the date of completion of the works certified by the EE (C) in the completion certificate.
24. If the contractor fails to fulfill any of the obligations under this contract, the Institute shall be at liberty to terminate the contract thereby voiding the contract and will be at liberty to allot the whole work or balance works to any other party at the risk and cost of the first party.
25. All works are to be carried out as per current specification prevailing in the state of Meghalaya (MPWD & CPWD) and when directed by the Institute.
26. **Average Annual Financial Turnover** during the last three years ending 31st March of the previous financial year should be at least **30 % of the estimated cost**. Tenderer to submit Financial Statement from Chartered Accountant as per **FORMAT – B**.
27. Parties should have the experience of having successfully completed similar works during the last 7 (seven) years ending last day of month previous to the one in which applications are invited should be either of the following: (a).**Three similar completed works each** costing not less than the amount equal to **40% of the estimated cost** or (b) **Two similar completed works each** costing not less than the amount equal to **50 % of the estimated cost** or (c) **one similar completed work** costing not less than the amount equal to **80 % of the estimated cost**. Documentary proof in the form of completion certificates only are to be enclosed failing which the tender will be non-responsive.
28. Completion Certificates should indicate the items of works executed along with the date of award of work & time of completion as per work order & actual time of completion and are to be signed by Officers not below the rank of Executive Engineers (**FORMAT –A**)
29. Running payments can be made to the contractor subject to certification by the Executive Engineer (C) after completion of about 50 % of the work and final payment will be paid after completion of the work after due certification and satisfaction of the Executive Engineer (C).
30. Parties to submit PAN Card
31. Parties to submit GST Registration
32. Parties to submit valid Labour License from Labour Department
33. Rates once accepted will not be enhanced due to variation in the rate of materials, labour and Government taxes.
34. No tools and plants will be supplied by the Institute
35. No materials will be supplied by the Institute.
36. The quoted rates shall be firm, fixed and binding on the contractor irrespective of any variation in the quantities stated in the contract upto $\pm 10\%$ variation of the contract value as a whole.
37. Successful Non –Tribal tenderers should submit the valid Trading license within 14 (fourteen) days from the date of issue of preliminary work order, failing which the order shall be withdrawn at their risk and responsibility.

38. Any dispute arising out of the contract shall be settled amicably by the Director, NEIGRIHMS, whose decision will be final and binding. In the event the parties are not satisfied they may approach the court of law within the jurisdiction of Shillong only.
39. The specifications and mode of measurement for civil works shall be in accordance with PWD/CPWD specifications unless otherwise specified.
40. In the event of responsive parties quoting same rates, the **Institute reserves the right to allot the work to the bidder having higher / highest credentials in terms of similar work experience**, etc.
41. If there is any excess payment on any item etc made to the contractor, the contractor shall not hesitate to cooperate in adjusting / deducting the same from either the running bills or final bills.
42. The Institute reserves the right to accept or reject any or all tenders without assigning any reason thereof
43. All the above requirements are compulsory for fulfillment as part of the tenders failing which tenders will be rejected.
44. All documents, registrations should be valid as on the date of tender.
45. Meghalaya Value added tax / Goods and Service Tax as applicable will be deducted from the bills of the contractor.
46. Parties to submit the list of technical staff with at least one experienced Junior Engineer-Civil (Diploma). Attested copy of diploma/degree certificates to be enclosed. Undertaking in the form of affidavit to be submitted.
47. The parties to furnish an affidavit on a non-judicial stamp paper that there is no police/vigilance/CBI case pending against them.
48. Successful bidder will have to furnish an Undertaking to carry out/ execute the work in strict conformity to the specifications as mentioned in the scheduled items and guide notes of the Scheduled of Rates and Indian Standard codes of practice for materials / as per direction of the Engineer-in-charge failing which he/she shall be liable for disqualification/ blacklisted from participating in future tenders of NEIGRIHMS
49. The Party shall be responsible for the safety of all its workmen/employees during the period of execution of the work. The party shall provide all safety materials, gadgets, equipments etc to all its workmen/employees to ensure their safety during execution of the work. The Institute shall not be held responsible in case of any accidents, mishaps etc to the party and its employees
50. Any delay in completion of the works beyond the stipulated date due to reasons attributable to the contractor may eventually lead to cancellation of letter of award for which the contractor is not entitled to any compensation. The cancellation of letter of award would lead to forfeiture of performance security.
51. The contractor is to register with the Labour Department for the work and the registration certificate has to be submitted, failing which the bill cannot be processed
52. If any statutory tax/deduction/recovery is notified by the State/Central Govt, the same shall be deducted from the bill of the contractors as applicable from its effective date of coming into force.
53. The party who is allotted with the work, will have to sign on the measurement book as a token of acceptance of the measurement.
54. Contractors who engage / employ five or more Inter State Migrant Workmen is required to obtain a license from District Labour Office, East Khasi Hills, Shillong as per prevailing labour laws applicable in the State.
55. Bidders should note that the above terms and conditions will apply specifically in addition to the rules / regulations applicable to works in the Government of India.
56. All rules of GFR will be applicable
57. Wherever relevant, water charges @ 1% on the Order value will be as applicable

Sd/
Executive Engineer (Civil)
NEIGRIHMS

Copy to: Accounts officer for information

Check List of documents to be submitted along with the tender:

SI No	Documents	Remarks
1	Earnest money Deposit	
2	Copy of registration	
3	Undertaking not to sub-let the work. (format enclosed with the tender)	
4	Valid Trading license in case of non-tribal contractors.	
5	Pan Card.	
6	G S T certificate	
7	Valid Labour License	
8	Documentary proof of work orders, completion certificates as specified in clause 27 of the GCC.	
9	Completion certificates as per FORMAT – A	
10	Average Annual Financial Turnover during the last three years as per FORMAT - B	
11	List of technical staff with Undertaking in the form of affidavit	
12	Affidavit of no vigilance/police/CBI case pending against them	

FORM OF UNDERTAKING

To

The Executive Engineer (Civil)
NEIGRIHMS

Sub: Construction of water reservoir of 1.5 lakhs capacity and filter

Sir,

With reference to the above, I hereby undertake not to sublet the work cited above, if the work is allotted to me.

Date:

Name of contractor:

Signature and seal:

FORMAT - A.

1. Name of Contractor: -
2. Name of work completed: -
3. Agreement No: -
4. Name of Division in which work was executed: -
5. Tender Cost: -
6. Stipulated date of Start (as per w/o):-
7. Stipulated date of Completion (as per w/o):-
8. Actual date of Completion: -

Signature of Contractor

****Signature of Officer issuing the C/Certificate**

**** (Officer should not be lower than the rank of Executive Engineer – Civil)**

FORMAT B

FINANCIAL STATEMENT

SL NO	FINANCIAL PERIOD	AMOUNTS IN LAKHS
1.	2020 - 2021	
2.	2021 - 2022	
3.	2022 - 2023	

SIGNATURE OF
CONTRACTOR

SIGNATURE OF
CHARTERED ACCOUNTANT

I, Shri _____, son of Shri _____
_____ aged about _____, resident of

_____ do hereby solemnly affirm and declare on oath as follows:-

- DEPONENT

Identified by:

(Advocate, Shillong)

Bill of Quantity

Name of the Work: - Construction of water reservoir of 1.5 lakhs capacity and filter

SI No	Description	Unit	Quantity
1	Earthwork in excavation by manual means upto a depth of 2m below the existing ground level for foundation trenches of foundations, footings of column/ walls, retaining walls, septic tank etc. including bailing out water where necessary and removal of surplus earth with all lead and lifts as directed and specified for the following classification of soils b)In ordinary rock (soft rock/ medium rock/ hard shale)	Cum	98.175
2	Providing soling with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete b)Stone soling (ii) 150mm	Sqm	57.75
3	Supplying, fitting and fixing in position reinforcement bars upto 1stfloor level, conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (Rates inclusive of all wastage, lappage, hooks, chairs, anchorage etc. and no measurement for the same is required) c)Thermo-Mechanically Treated bars	Qntl	106.75466
4	Supplying, fitting and fixing in position reinforcement bars upto 1stfloor level, conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (Rates inclusive of all wastage, lappage, hooks, chairs, anchorage etc. and no measurement for the same is required) a) Mild steel and Medium Tensile steel bars	Qntl	1.1376
5	Brick nogged wall with 1st class brick in cement mortar including racking out joints and curing complete as directed in super structure above plinth up to 1st floor level (protruding M.S rod/Tor steel of column to be embedded in cement mortar and will be measured and paid separately) (a) Half Brick (~112 mm) thick 1st class brick nogged wall (i) In proportion 1:3 (1 cement : 3 sand)	Sqm	3.84
6	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge a) All works upto plinth level	Cum	44.754
7	Centering and shuttering including strutting, propping etc. and removal of form for all heights complete and as directed by Engineer in charge Slabs, roofs, landings, balconies and access platform, shelves (using steel)	Sqm	152.80
8	Plain cement concrete works in foundation bed for footing steps, walls, brick works etc below plinth level as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately) c)1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)	Sqm	5.504
9	15 mm cement plaster on the rough side of single or half brick wall of mix c)1:4 (1 cement: 4 fine sand)	Sqm	369.648
10	Earthwork in filling (excluding rock) in trenches, plinth, sides of foundation etc in layers not exceeding 20 cm thick including breaking of clods, consolidating each layer by ramming and watering, lead upto 50 m and lift upto 1.5 m a) With available excavated earth	Cum	24.00
11	Providing fitting, hoisting and fixing of roof trusses including purlins fabricated using iron hollow section conforming to relevant I.S. code, as per approved design and drawings including providing M.S. cleats, base plates, bolts and nuts and one coat of red oxide Zinc Chromate primer and two coats of approved enamel paints complete including fitting necessary cleats etc. for fixing ceiling joists as per design and drawing as directed Using TATA make Circular Hollow section of Grade YST-310 conforming to I.S. Specification : 1161-1998	Qntl	235.925

12	Providing corrugated G.S or galvanised iron sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required a)1.00 mm thick with zinc coating not less than 275 gm/sqm	Sqm	3.20
13	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 1. PVC pipes of 6 Kg/cm2 as directed and specified (a) 160mm dia	Rm	20.00
14	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 1. PVC pipes of 6 Kg/cm2 as directed and specified. (c) 90mm dia	Rm	76.00
15	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 3. 87.5 degree PVC bend with door directed and specified. as (a) In exposed surfaces or in trenches (i) 160mm dia	Each	4
16	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 3. 87.5 degree PVC bend with door directed and specified. as (a) In exposed surfaces or in trenches (c) 90mm dia.	Each	12
17	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme /Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified. 2. 87.5 degree specified. PVC bend as directed and specified (a) 160mm	Each	4
18	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified. 4. 45degree PVC bend as directed and specified. (a) In exposed surfaces or in trenches (iii) 90mm dia	Each	12
19	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified. 13. PVC coupler as directed and specified (a) In exposed surfaces or in trenches. (i) 110mm dia.	Each	24
20	Providing Pre Painted Galvanized Iron Sheet Roofing (PPGI) (Dyna roof /Sathyam/ Durakolor/ CenturyWells/Prestar/Wonder Roof make or equivalent) at all levels including supplying, fitting and fixing with self drilling, self tapping screws complete. (Roof trusses, purlins etc. to be measured and paid separately.) (c) 0.50 mm thick	Sqm	3.20
21	Supplying, fitting and fixing PVC pipes/ bends/ Junctions etc. of Supreme/Prince or other ISI approved make, including joining ,fitting and fixing with clamps etc. as necessary complete at all levels including below G.L as directed and specified 1. PVC pipes of 6 Kg/cm2 as directed and specified (a) 160mm dia	Rm	18.29
22	Laying of G.I. Pipes in trenches including carriage of pipes from stock yard to the site within a distance of 8km. Except socket joints, all fittings required for the work will be paid extra as per current schedule of rates. Trenching and earth filling is also exclusive and shall be paid extra. (Medium quality) 1.06. 50mm dia.	Rm	102.00
23	Laying of G.I. Pipes in trenches including carriage of pipes from stock yard to the site within a distance of 8km. Except socket joints, all fittings required for the work will be paid extra as per current schedule of rates. Trenching and earth filling is also exclusive and shall be paid extra. (Medium quality) 1.05. 40mm dia.	Rm	102.00
24	Supply, fitting, fixing G.I. Socket as per the approved quality of the department including jointing materials and carriage of materials within 8km all complete as directed (Medium quality) 8.06. 50mm dia	Each	6

25	Supply, fitting, fixing G.I. Socket as per the approved quality of the department including jointing materials and carriage of materials within 8km all complete as directed (Medium quality) 8.05. 40mm dia.	Each	15
26	Supply, fitting and fixing GI Equal Tee as per the approved quality of the department including jointing materials and carriage of materials within 8km all complete as directed (Medium quality) 13.06. 50mm dia.	Each	4
27	Supply, fitting and fixing GI Equal Tee as per the approved quality of the department including jointing materials and carriage of materials within 8km all complete as directed (Medium quality) 13.05. 40mm dia.	Each	3
28	Supply, fitting and fixing G.I.Bend as per approved quality of the department including jointing materials and carriage of materials within 8km complete as directed (Medium quality) 4.06. 50mm dia	Each	6
29	Supply, fitting and fixing G.I. Elbow as per approve quality of the department including jointing materials and carriage of materials within 8km complete as directed (Medium quality) 2.06. 50mm dia	Each	10
30	Supply, fitting and fixing G.I. all threaded nipple as per approved quality of the department including jointing materials and carriage of materials within 8km complete as directed (Medium quality) 3.06. 50mm dia	Each	50
31	Supply, fitting, fixing GI Union Socket as per the approved quality of the department including jointing materials and carriage of materials within 8km all complete as directed (Medium quality) 12.06. 50mm dia	Each	4
32	Supply, fitting, fixing GI Union Socket as per the approved quality of the department including jointing materials and carriage of materials within 8km all complete as directed (Medium quality) 12.05. 40mm dia	Each	4.00
33	Supply, fitting, fixing G.I. reducing socket as per the approved quality of the department including making holes, cutting and threading the pipes including supplying of bolts, nuts, rubber washer and carriage of materials within 8km complete as directed (Medium quality). 7.16. 50x40mm dia	Each	2
34	Supply, fitting, and fixing ISI Gun Metal Non-return valve including jointing materials and carriage of materials within 8km all complete as directed 18.06. 50mm dia	Each	4
35	Supply, fitting, fixing ISI marked gun metal full way wheel valve (superior quality) including jointing materials and carriage of materials within 8km all complete as directed 10.06. 50mm dia	Each	5
36	Supply, fitting, fixing ISI marked gun metal full way wheel valve (superior quality) including jointing materials and carriage of materials within 8km all complete as directed 10.05. 40mm dia.	Each	2
37	Supply including carriage within a distance of 8km fitting, fixing Brass foot valve with strainer including supplying of nuts, bolts, 3mm insertion sheet, washer and all other jointing materials etc. complete as directed (IS 40389-1967) 8.06. 50mm	Each	4
38	Providing and placing filter media of approved quality and as per specification, in the filter bed free from dirt and other impurities including carriage within 200m and forest royalty all complete as directed	Cum	41.25
39	Providing fitting and fixing of 7.5KW Centrifugal pump and starter and incomer Switches	Each	2

Note: Price evaluation will be done on Lump sum basis