

A	TERMS AND CONDITIONS:-
1	The work shall be carried out as per HPPWD specification with upto date correction/ ammendments.
2	The royalty,sales taxoctroi,malkhana will be borne by the contractor and proof thereof shall have to be given without which no payment shall be made.
3	The contractor shall be responsible himself for watch and ward of materials carried to the site of work by him.
4	The rates of all items shall be inclusive the carriage of all materials with all leads and lifts to the site of work .
5	The rates offered by the contractors is FOR site of work.
6	Cement shall be precured by the contractor/firm himself from civil supply Himachal Pradesh and will produce the original bills to the Department.
7	Steel shall be precured by the contractor/firm himself from SAIL,TISCO,RINL, JINDAL PANTHER of (JSPL), Shyam steel , Elegant of (SI and PL) M/s Jai Bharat TMT Structure Steel, Shiv Shakti TMT. and will produce the original bills and test reports to the Department.
8	The use of mechanical mixer and vibrator for concrete work is mendetory sample from fresh concrete shall be taken as per IS 1199 and cubes shall be made curred and tested at 28 days in accordance with IS 456:2000 of all materials to be used on the work shall be submitted to Engineer-In-Charge for approval.This principal will hold for all items of work.
9	The following workers should be deployed by the contractor/firm for construction of scheme :-
i)	Site Engineer at least 1 No.
ii)	Supervisor at least 1 No.
iii)	Labours/manpower for construction work at least 30 Nos.

10	5% amount shall be with held for successful testing of water upto tail end which shall be realeased after successful testing.
11	1% Labour cess under the building and other construction work {workers(RE &CS) Rule-1996,cess act 3} shall be recovered from the bill of the cotractor.
12	Sand will be used from approved quarry in RCC and other work.
13	Conditional and telegraphic tenders are liable to be rejected
14	All pages of the tender form must be signed by the tenderer before submitting the tender failing which the tender is liable to be treated as invalid
15	All necessary documents such as latest income tax return filed by contractor, renewal of registration, CST/GST number shall have to be produced by the contractor/firm as per the NIT condition.
16	The rates of all the items should be inclusive of all taxes, duties, levies, carriage of material within all leads and lifts etc. to site of work.
17	The bearing capacity of soil where pump house, raw water tank, sump well, delivery tank/storage tanks shall be constructed will be got tested separately for each unit by the contractor/ tenderer at its own level and nothing extra shall be paid on this account.
18	Drawing, structure design of pump house, raw water tank, sump well, delivery tank/storage tanks etc. shall be prepared and got approved from competent authority by the contractor/ tenderer at his own level/ cost.
19	The RCC work shall be carried out with the mechanical mixer and with the help of power driven vibrator; hand mixed concrete shall not be permitted. Water shall be made available by the contractor without any extra cost.
20	Minimum clear cover to steel reinforcement in case of liquid retaining structure shall be 25 mm or the dia. of the main bar whichever is greater, on water surface and or rests, the cover specified in IS code of practice shall be followed.
21	Concrete cube test shall be got conducted by the firm to ensure the strength of concrete and report be submitted to Engineer-in-Charge.
22	The water to be used for construction, mixing and curing shall be clean and free from impurities.

23	Crushed stone aggregate of specified grading shall only be used.
24	All the fittings shall be embedded in the structure while the work is in progress and all connection shall be left outside the structures control valves and other accessories in position ready for connection with incoming and outgoing pipes. The direction of scour pipe be kept towards the nearby drain as per the direction of Engineer- in -Charge and it shall be 5 mtr. beyond of the structure.
25	The capacity of tank shall be calculated between inlet and outlet. Outlet shall be placed 15cm above floor level. Free board shall be kept above the top of inlet pipe. Free board shall be minimum 15 cm.
26	Measuring gauge shall be installed in each tank/chamber.
27	The site shall be necessarily inspected by the tenderer to assess the nature of strata and other relevant data required for the design of structure. Nothing shall be payable on account of any unforeseen difficulties whatsoever.
28	The work shall be started only after the approval of design of desilting chamber and trench wier as supplied by the contractor by competent authority which shall be submitted by the contractor /firm within 10 days of issue of letter of intent /letter of award.
29	The excavation shall cover all type of soil and rocks involved at site including cutting by chiseling where involved. No blasting shall be permitted.
30	Shuttering used for RCC work shall be steel plate.
31	The complete structural design shall be based on IS codes:456 & 3370 (Part-i to iv) latest edition and IS:1893. The structure shall be checked for seismic condition.
32	To ascertain the quality and strength of concrete mix, test cube for every component shall be as per PWD specification in presence of Engineer in charge and the same be got tested in Govt. Laboratory at the contractor cost in accordance with IS:456. The result shall be furnished to the department regularly giving data wise detail of cubes taken & tested. The average compressive strength of concrete samples falls of specified strength the contractor shall be liable to action. The decision of department shall be final and binding

33	Necessary brick/concrete supports shall be provided for pipes /valves etc. Brick masonry/ stone masonry chamber with precast RCC cover shall be provided for housing the valves where ever required as per direction of Engineer -in-Charge.
34	All clauses of work not other described herein shall be executed in accordance with the principles laid in PWD specifications / relevant IS codes amended upto date.
35	The execution / Construction joint shall be provided as per relevant IS codes.
36	The contractor shall produce/submit the transit pass in form work supplementary pass in form X before clearing the running / final bills as per the provision of Himachal Pradesh minor Minerals(Concession) and Minerals (Prevention of illegal mining, transportation and storage) rules 2015
37	As Per general condition No. 24 of NIT the tenderer should quote their firm rate as no escalation in price variation whatsoever is allowed for succesful fulfillment of contract as the relevant clause stands deleted from the bid documents.
38	Barbed wire/ Interlink chain shall be issued by the department free of cost at JSD Store R/Peo i/c storage charges
39	Contractor/Firm shall not start any sub-surface work before intimating the Engineer-in-Charge.
B	GravityMain:-
1	The bends of required degree duly flanged shall be provided by the contractor/firm whenever required as per direction of the Engineer-in-charge. Nothing extras hall be paid for cost of providing, fixing bends of required degree as its cost is already included in cost of pipe against item No. 10. The bends manufactured from parent tubes taking care that nominal bore is not reduced else it will be rejected and shall be 100% test checked by Assistant Engineer before burring.
2	The tenderers should ascertain the availability of Galvanized steel pipe confirming IS/ISO 3183-2007 latest with up to date amendment as per schedule of quantity before quating their rates.
3	The tenderer shall have to produce manufacturers test certificate for all appurtenances.
4	3 rd party inspection shall be got done by the contractor free of cost from one of the following:-
i)	Rites,

ii)	Detnorsake Varitas,
iii)	Bureau, Varitas,
iv)	SGS
v	M/S Quality Service & Solution, New Delhi-48.
5	Payment only for the accepted and fully tested work shall be released.
6	The pipes shall be measured and weighted in the presence of authorized representative of the department at site/weight bridge. The documents showing the laden and unladen weights and lengths shall be submitted to Engineer-in-Charge alongwith post delivery bill.
7	Any damages caused to any public/private property during the course of execution of work shall be restored by the contractor and if, not done within a reasonable time then the same shall be restored by the department at contractor's cost.
8	L-section and plan of pipe line can be seen in the Divisional office on any working day. However contractor shall visit the site and work out filed detail for laying of pipe lines as per site conditions and should quote his rates accordingly.
9	Contractor shall arrange his own power connection whenever required. If electric connection is not available, he will arrange diesel generator set for welding & nothing extra shall paid for it.
10	Nothing shall be paid for rejected material/work.
11	The contractor shall be responsible for watch and ward of material at site of work.

12	Alignment of pipe line can be shifted/ changed as per site condition for which nothing extra shall be paid beyond the approved rates.
13	The plain ended pipes to be arranged by the contractor shall be made beveled edges on the quoted rates. Nothing extra shall be paid to the contractor on this account.
14	All ISI Codes shall be latest with up-to-date amendments.
15	The time schedule will be strictly adhered to and no extension will be granted under any circumstances.
16	5% of the quoted amount will be deducted with held for testing which shall be released only after successful testing of pipe line.
17	Welding of flanges to pipe, bends, tees etc. shall be carried out strictly in accordance with relevant codes.
18	Manufacturing allowance in pipe wall thickness on (\pm) side shall in no case more than 3% of designed thickness as per barlow equation.
19	If the required thickness of pipe is not available, the firm/contractor shall provide /supply next higher thickness without any extra cost.
20	The nuts & bolts & welding electrodes shall conform to ANSI/API specifications.
21	The butt welding shall be done in three layers as per relevant BIS code.
22	The firm shall forward a copy of supply order / indent placed by it for the supply of pipes on the manufacturer of pipes to the consignee within 15 days after issue of letter of intent / award by Engineer-in-Charge. A certificate from manufacturer with a copy of license to manufacture particular grade / quality of pipe as per NIet shall be supplied to the Engineer-in-Charge while placing supply order.
23	The contractor/firm shall fulfill all the conditions of labour department as per labour laws.
24	The contractor'firm shall be responsible for any theft of any material for the period of six months.

25	The Contractor/firm shall ensure that at the time of handing over the scheme shall be in good working condition.
26	Release of security shall subject to satisfactory handing over the scheme to the department.
27	1% cess under the building and other construction workers (RE & CS) rule 1996 & cess act 3 shall be recovered form the bill of the contractor.
28	2 % amount shall be with held from every running bill of the contractor for testing of work and other taxes at prevailing rates released after successful testing of work.
29	The payment will be made to the contractor after submission of a bill by the contractor subject to successful performance/ desired results of treated water , failing which no payment shall be admissible.
30	The contractor/firm will not be allowed to sublet the work in any case failing which the agreement shall be terminated immediately and security deposit will be forfeited.
31	The Leakage of water at any component shall be less than 1%
32	The work should be completed within stipulated period as mentioned.
33	Labour cess, Income tax & GST will be deducted as per the rule inforce of the Govt.
34	Work shall be started within 15 days after the award of the work/issue of letter of indent.
35	Quoted rates should include all taxes i.e, GST,EPF.Labour cess as per the rule inforce of the Govt.and carriage charges etc., complete in all respects and nothing will be paid extra on this account.

36	<p>Validity:- The offer shall be valid for 120 days from the date of opening of tender.Registration of work contractor under the H.P. General State Sales Tax 1968:Contractor should get themselves registered with the State sale tax department reasonable period failing which their registration will be cancelled. The work shall be awarded only to such contractors who are registered with state sales tax department. Attested copy of state sale tax registration no. and clearance certificate from the said department of state of H.P. must also be furnished with the tenders failing which work shall not be awarded.</p>
37	<p>Any damage caused shall be promptly restored by the contractor at his own expences.</p>
38	<p>The contractor should fullfil all the condition of Labour Department as per labour laws and also responsible For any labour complaint.</p>
39	<p>The contractor should pay minimum wages as applicable as per Govt notification.</p>
40	<p>In case any mishappening at site, the compensation shall be paid by the contractor part and nothing will be paid by the Department on this account.</p>
41	<p>The EPF and ESI part of Principal employer of the labour deployed will be deposited by the contractor .No extra cost and all the statuary payments be made by the contractor and JSV in no way be responsible any such payments whatsoever. Any dispute regarding EPF and settlement there off shall be the responsibility of the contractor. The contractor/Firm should submit the Labour Resource Deployment Plan with his offer in technical BID.</p>
42	<p>Certificate from labour Inspector stating that there is no labour complaint/dispute pending against the conractor should be submitted with the bid document.</p>
43	<p>The cotractor should not be involved in any EPF or labour litigation at the time of bidding.</p>
44	<p>Designe Mix of concrete shall be designed and tested in a Lab of reputed Govt Institute to ensure designed strength of concrete. Nothing extra shall be paid to the contractor on this account.</p>

45

In case of change of alignment of pipe line, resurvey shall be done and classification of pipe shall be designed and re-approved from competent authority of such as per revised alignment.