

Special conditions for NS items :-

- NS- 1** Supplying & using Jumbo Filter Cartridge including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.
- NS- 2** Supplying & using Antiscant chemical Indion 8111 Make:Ion Exchange (I) Ltd / Equivalent including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge..
- NS- 3** Supplying & using RO Cleaning Chemical Indion 8111 Make:Ion Exchange (I) Ltd / Equivalent including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.
- NS-4** Supplying & fixing Ph correction chemical including all taxes, ascent, decent, complete in all respect as per direction of Engineer incharge
- NS- 5** Supplying & using spare RO Membrane 8040 including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.
- NS-6** Supplying & using Resin Indion 220 NA Ion Exchange/Equivalent including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.
- NS- 7** Supplying & using Multi grade filter media including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.
- NS-8.** Supplying & using Activated carbon Media including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.
- NS-9** Supplying & using Multiport valve 50 NB including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.
- NS-10.** Chemical, physical, bacteriological & biological examination test by approved lab govt department/PHED lab of the sample of water when required by the Engineer in-charge.

NS-11:- Operation , running, maintenance of desal/softening unit :-

- 1 The quantities/amount mentioned above are rough and for guidance only and are subject to change according to the needs of the railway & variation there of to any extent will not be the basis of any claim against the Railway.
- 2 The work shall be carried out as per Engineering. department. standard specification.(Amended up to date)
- 3 The contract shall be governed by General Condition of Contract and Instructions to the Tenders -2019 (Amended up to date) & special condition.
- 4 The rates shall be inclusive of all lead, lift ascent, descent, crossing of Railway track, obstructions, nallah, handling, re-handling, all taxes, Sale tax, royalty etc. and loading, unloading, all labour, tools and plants, mechanical means, if required as a complete job. Nothing extra to the rates quoted by the contractor will be paid.
- 5 All tools & plants and mechanical equipment as required to execute the work shall be arranged by the contractor.
- 6 For operation and running required men power shall be arranged by contractor concern & also Maintenance of assets shall be carryout by contractor up to 24 months on his own cost.
- 7 Contractor will be responsible for supply the fresh/soft water all through 24 hrs from plant.
- 8 Doing small jobs related to W.S. plant like keeping clean the apparatus & & in working order properly. Advising the Rly Engineers or his representative the position of availability the plant in OK condition when ever asked for & a written report at 17 hrs daily.
- 9 Advising the Electrical Department about the failure in electricity and failure of electrical equipment and other instruction given by the Rly Engineer.
- 10 The payment will be made only after completion of the one month. Payment will be made proportionately
- 11 One staff will be always be available for all 24hrs to attend the plant & phone calls at the plant.
- 12 Contractor's staff on duty should wear uniform & badges and keep identity card issued by Rly at contractor's cost as per approved by Rly Engineer which shall be procured by the contractor at his own cost

- 13 The contractor and his representative should take care of safety of staff & Rly property. All damages or losses cause by him, his supervisors & other employees to Rly property/staff and cost of damages as ascertained by the Railway will become recoverable from the contractor.
- 14 Contractor shall submit medical certificate for his supervisor & staff from Rly approved medical practitioner. Supervisors & staff suffering from any kind of disease/sickness shall not be permitted on duty.
- 15 The Railway will be at liberty to employ Rly staff or any external agency for carry out any work not done or not done properly by the contractor and any expenditure incurred by the Rly in the connection increased by 12.50% supervision charges will become recoverable from the contractor.
- 16 A register shall be maintained by the contractor regarding services mentioned in N.S. item date wise compliance of each by contractor signed by contractor's supervisor & authorised by signature of the Rly representative without whose signature the work can not be considered as carried out. Format of the register shall be got approved from the Rly Engineer. The register should be shown on demand concerned ADEN will conduct regular test checks besides supervisor test checks by higher officers.
- 17 To avoid any mishap during the operation of plant. The contractor shall ensure that only skilled staff with sufficient experience in their respective trade are deployed on the job and not put to over exertion as per labour law.
- 18 In case due to some Gazetted or National holiday, If the Administration does not wish to use the plant the contractor shall be paid full amount for that day.
- 19 No loading & boarding facilities to be provided by Rly to the (skilled men) staff working on the plant.
- 20 The payment to the contractor will be made as per Rly rules & regulation through running bills after making entries in M.B.'s.

NS-12 Supplying & fixing Antiscant Dosing System with 100ltr. HDPE tank. Make : Ion Exchange/MiltonRoy/Grundfos/Equivalent including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.

NS-13 Supplying & fixing pH correction Dosing System with 100ltr. HDPE tank. Make : Ion Exchange/MiltonRoy/Grundfos/Equivalent including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.

NS-14 Supply of liquid chlorination (DWG) 115 GPL with container in SSE/W/Store.

NS-15 Supplying & fixing Membrane Cleaning pump
Cap. 8 m3/hrs , head : 30 Mtr.
MOC : SS , Make: CNP / Grundfos /Equivalent (1Set) Including RO cleaning tank, Cap 250 Ltr. MOC: HDPE (1 No.), Micron Filter (1 No.) including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.

NS-16 Supplying & fixing Inter connecting UPVC pipings from Raw water tank to treated water tank including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.

NS-17 Supplying & Fixing Starter of Pump , Make: KBL/Equivalent including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.

NS-18 Supplying & Fixing Big blue housing 40mm opening PVC heavy duty with floor rate of 14m3/hrs with micron filter complete.

NS-19 Supplying & fixing Water Softener vassal cap. 8 m3/hrs with , BMT tank ,Frontal pipe Line & complete all accessories to remove the Hardness (1 Set), Including along with Ist charge of Water softener Resin Indion 220 NA (300 Kg), Multiport valve (1 No.), Ejector (1 No.), Make : Ion Exchange / Thermax/ Equivalent including all taxes, ascent, decent, complete in all respect as per direction of Engineer Incharge.