

32 Technical Barrier - Problems faced due to no bypass arrangement of VPC section.

May 15, 2000

Minutes of the Meeting between IGCL and PDIL on Urea Pre-concentrator

A meeting was held between IGCL and PDIL on 15th and 16th May 2000 at IGCL's Jagdishpur office where following were present:

IGCL

S/s

Anand Bihari, Vice President(P.T)
Ajay Singh, General Manager(Comm.)
AK Hajra, Sr. Manager(GE)
Ajit Srivastav, Manager (Mech)
Anand Gupta, Manager (PE)

PDIL

S/s

S. Dayal,
Addl. Chief Engineer

1. During the meeting, the scope of PDIL was discussed. PDIL pointed out the following gaps in PDIL's scope defined by IGCL.
 - a. To enable PDIL prepare final plot plan / equipment layout the indicative plot plan / equipment layout should be supplied by Snamprogetti. IGCL confirmed that Snamprogetti shall supply the indicative plot plan / equipment layout which would form the basis for PDIL to develop final documents.
 - b. There is no mention about civil foundation design in the scope of PDIL defined by IGCL. IGCL expressed that PDIL should give separate fee for carrying out civil foundation design which shall be treated as optional fee by IGCL.
 - c. PDIL indicated that revision of P&I diagrams is not there in PDIL's scope. As such it was presumed that after Snamprogetti supplies basic P&I diagram revision of subsequent revisions shall also be done by Snam and PDIL would review the piping documents only based on revised P&I diagrams. IGCL confirmed that subsequent revisions of P&I diagrams shall be under PDIL's scope.
 - d. There was no mention about detailed engineering of electrical and instrumentation. IGCL confirmed that PDIL should give optional fee for detailed engineering of instrumentation. The detailed engineering of electric 31 items shall be carried out by IGCL themselves.
2.
 - a. While discussing Snam's scope as defined by IGCL, PDIL pointed out that some activities falling under Snam's scope could be performed by PDIL and as such IGCL was requested to re-consider division of work. IGCL confirmed that PDIL should give optional fee for detailed engineering of all new equipment and also for review and approval of vendors' drawings under separate heads.

- b. PDIL pointed out that equipment drawing & data sheets supplied by Snam would be required to be completed by adding more data / information to define exact requirement and to enable vendor to quote. IGCL request PDIL to think and discuss with M/s Snam regarding the bypassing arrangement system of VPC section, as intermediate pump may create emergency for the plant
- c. PDIL also pointed out that at this stage, they do not foresee PDIL's involvement as Snam has been asked to provide data containing sufficient technical information for floating the enquiries
3. PDIL requested IGCL to consider PDIL for inspection of items procured from Indian sources instead of appointing a third party inspection agency. IGCL indicated that PDIL may indicate their inspection fee and if found competitive IGCL may consider PDIL.
4. PDIL requested IGCL to avail site supervisory services. IGCL indicated that PDIL may give rates for site supervisory services as an optional rate and the services if desired by IGCL, can be availed at a later date.
5. It was agreed that PDIL shall submit offer in light of above understanding agreed between IGCL and PDIL i.e.
- a. As per PDIL 's scope defined by IGCL considering revisions of P&I diagrams in PDIL 's scope - a lumpsum fee
 - b. Separate optional fees for
 - Civil foundation detailed engineering
 - Detailed engineering for all new equipment and instrumentation
 - Review and approval of vendor's drawing.
 - c.
 - Charges for inspection of equipment at manufacturer's site
 - Rates for site supervision


(IGCL)


(PDIL)