

Himachal Pradesh
Irrigation & Public Health Department

Minutes of 1st Meeting of Technical Committee for the year 2019-20 held on 08-07-2019 under the Chairmanship of Engineer-in-Chief (IPH) at Jal Shakti Bhawan, Shimla-05.

1st meeting of the Technical Committee for 2019-20 was held under the Chairmanship of Engineer-in-Chief (IPH) at Jal Shakti Bhawan, Shimla-05 on 08-07-2019 at 10:00 AM.

The following were present:

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| 1. Er. Rakesh Mahajan | CE (M/Z) |
| 2. Er. Hari Pal Singh | CE (D&M) |
| 3. Er. J.S. Sodhi | CE (S/Z) |
| 4. Er. OM Prakash | SE IPH Circle Bilaspur (Representative of CE H/Z) |
| 5. Er. Anil Mehta | Member Secretary-cum-SE (P&I-1) |
| 6. Er. Chhabil Chand | EE IPH Division Baggi (Representative of SE Hamirpur) |

At the outset, Member Secretary welcomed the members of the committee to the meeting. Before initiating item wise discussion, the Chairman desired to know the status of the decisions taken in the last meeting and follow up action thereof. It was informed by the Member Secretary that the 5th meeting of Technical Committee for the year 2018-19 was held on 18-03-2019. The minutes of the meeting were circulated to all the members vide Member Secy.-cum-SE P&I letter No. IPH-SE-(P&I-I) D-I.Tech.Comm./2019-20 dated 11-04-2019. The minutes of meeting accordingly were taken as confirmed.

Thereafter, discussion on agenda items followed as under:

1. Old Items of 2nd Technical Committee meeting, 2018-19.

Item No.1. Proposal for empanelling CIPET (Central Institute of Plastic Engineering and Technology) as third party inspection agency for inspection of PVC, HDEP, DI, GI, CI, pipes and other items etc. procured by Government.

As no representative from CIPET attended the last meeting and were absent for this meeting also, hence, it was decided to drop the proposal till further reference is received from the quarter concerned.

Item No. 2. Request for inclusion of Aqua make dry motor submersible for waste water schemes (M/s Aqua Machineries Pvt. Ltd.).

Keeping in view the report of SE IPH Circle Bilaspur, the firm was requested to execute a pilot project, report with respect to the same is awaited from SE IPH Circle Bilaspur. Hence, the decision regarding the item was deferred till the next meeting.

Item No. 3. Use of DI fittings as per Vacuum Lost Foam process VLFP technic water supply, sewerage and irrigation schemes (M/s Electro steel casting Ltd. New Delhi).

As no representative from Electro steel Casting Ltd. attended the last meeting and were absent for this meeting also, hence, it was decided to drop the proposal till further reference is received from the quarter concerned.

Item No. 4. Electro-Chlorinator for water treatment (M/s Pristine Water New Delhi)

Keeping in view the performance report received from SE IPH Circle Solan wherein he has reported the performance of the Electro-Chlorinator installed in LWSS Sirinagar, Bisha under Kandaghat Sub-Division on pilot basis as satisfactory. The make of the firm was approved for use in the department.

Item No. 5. Regarding empanelment for third party inspection and NDT testing for supply items GMC/GI/ERW pipes Valves etc. (M/S Edlipde Engineers Global pvt. Ltd.)

The credentials of the firm in original and attested copies of the same were placed before the committee duly checked as under:

1. ISO Certificate issued by KVQA Certification services.
2. Certificate of Incorporation
3. Power of Attorney
4. Registration certificate from National Small Industries Corporation Ltd.
5. Store details certificate issue by National Small Industries Corporation Ltd.
6. Certificate of Recognition issued by Ministry for Promotion of Industry and Internal Trade.

It was decided that the firm may be empanelled for third party inspection and supply items GI/ERW pipes, Valves etc. in IPH Department.

2. Additional Items of 2nd Technical Committee meeting, 2018-19.

Item No.1. Request for product approval by the firm namely BCH Electric Limited SCO18, 2nd Floor, Feroze Gandhi Market, Ludhiana-141001.

Keeping in view the performance report received from SE IPH Circle Solan wherein he has reported the performance of the star delta starter (BCH Make) installed at LWSS Dharampur on pilot basis as satisfactory. The make of the firm was approved for use in the department.

Item No. 2. Request for approval of Switchgear of C&S make by the firm namely C&S Electric Limited SCO 59, 2nd floor sector, 47-C, Chandigarh -160047

Keeping in view the performance report received from SE IPH Circle Solan wherein he has reported the performance of the C& S starter with mobile controller installed at LWSS Rehana in GP Delghi on pilot basis as satisfactory. The make of the firm was approved for use in the department.

Item No. 3. Regarding request for approval of DOROT make control valves, Air valves Water Meters by the firm namely M/s Darot Valves India Private Limited P.N 2 Harinagar Vistar, Chandani Chowk, Jhotwara, Jaipur Rajasthan, India, 302012.

Member Secretary apprised the committee that the performance report is still awaited from EE Nahan. Hence, the committee decided that a reminder be issued to EE Nahan to submit the performance report of the work. The item may be kept pending till next meeting.

3. New Items of 4th Technical Committee meeting, 2018-19

Item No. 1. Vender registration of Delta Electronics India Pvt. Ltd. Make in PLC/SCADA, Energy meter category for automation projects in Water Supply Schemes.

Member Secretary apprised the committee that the performance report is still awaited from SE IPH Circle Shimla-09. The committee decided that the final decision would be taken after the performance report is received.

Item No. 2. Request of Technical Presentation of prefabricated Bolted Liquid Storages Tanks, Glass Fused Steel Tank. (Ms Rostfrei pvt. Ltd. New Delhi)

Keeping in view the performance report received from SE IPH Circle Shimla-09 wherein he has recommended the use of these tanks for hilly areas with high head load and scarcity of

water for construction of RCC tanks, so prefabricated bolted liquid storages tank, glass fused steel tanks are approved for use in the department.

Item No. 3. Proposal regarding revision in terms and conditions for outsourcing the operation, running & maintenance of Sub-Divisional Water Testing Laboratory. (Sh. Chetan Thakur Govt. Contractor)

Keeping in view that the report is still awaited from CTR section, the final decision would be taken after the report is received.

Item No. 4. Approval of “BVI” make cast steel & Gun Metal Valves /fitting.

The firm was directed by the committee that the firm will execute a Pilot project to access the performance of its product under Superintending Engineer IPH Circle Kullu. Further decision in this regard shall be taken after receipt of the performance report.

4. New Items of 5th Technical Committee meeting, 2018-19

Item No. 1. Use of D.I. Pipes.

It was decided by the committee that a reminder will be issued by all the CEs to all the SEs for early submission of their comments.

Item No. 2. Food grade polymer to improve water quality of Filter water by eliminating Alum. (M/s Ion Exchange Ltd, New Delhi).

Keeping in view the fact that the firm has not contacted the office of SE IPH Circle Solan for executing the pilot project as decided in the last meeting & it was decided to drop the proposal from agenda till further reference is received in this regard from the quarter concerned.

Item No. 3. Regarding Vendor Registration. (M/s Perfect Valves Pvt. Ltd., Jalandhar).

Keeping in view the performance report received from SE IPH Circle Una wherein he has reported the performance of the DI sluice valves / reflux valves installed in schemes under I&PH Division No. I&II Una as excellent. The LP brand of the firm was approved for use in the department.

Item No. 4. Regarding application for Brand Registration (M/s B/M Water Meters, Punjab).

It was decided by the committee that a reminder be issued to MD-cum-CEO, SJPNL for early submission of the performance report in this regard.

Item No. 5. Regarding installation of solar water pumps through the departments of PHED (Rajasthan) & Jal Nigam (Uttar Pradesh). (M/s Gallant Resources Pvt. Ltd. Noida).

As no representative from the firm attended the last meeting and neither are they present for this meeting hence, it was decided to drop the proposal till further reference is received from the quarter concerned.

Item No. 6. Regarding proposal to incorporate high tensile Zn-Al Tanks for STP Projects in Himachal Pradesh. (M/s Ben & Gaws Pvt. Ltd., New Delhi).

As no representative from the firm attended the last meeting and neither are they present for this meeting hence, it was decided to drop the proposal till further reference is received from the quarter concerned.

Item No. 7. Regarding Soil Engineering & Business Development with Geosynthetics. (M/s Zentraac Engineering and Consultants Pvt. Ltd., Assam).

As no representative from the firm attended the last meeting and neither are they present for this meeting hence, it was decided to drop the proposal till further reference is received from the quarter concerned.

Item No. 8. Regarding introduction of Yooil Infra's Advance water resource management solutions of Rubber dam and Canal Lining with Bituminous geomembrane and concrete Mattress for upcoming project in State of Himachal Pradesh for minor Irrigation and ground water development. (M/s Yooil Infra Pvt. Ltd., Thane).

It was decided by the committee that a reminder be issued to CE (D/Z) and SE IPH Circle Solan for early submission of the performance report as decided in the last meeting.

Item No. 9. Regarding "Digester" a Bio enzymatic solution for Pit toilets, Sewer line, Septic Tank, Grease Trap, Oil Greases & clogging due to organic solids etc. for approval by the department. (M/s Anahita Broadway Services, Ner Chowk, Distt. Mandi).

It was decided by the committee that EE Solan will verify the report of the HIMUDA authorities regarding the use of the digester under the jurisdiction of EE HIMUDA, Parwanoo, further action in this regard shall be taken thereafter.

Item No. 10. Report to use GRP Pipes (Glass Reinforced Polyester Pipes) in your upcoming projects. (M/s EPP Composites Pvt. Ltd., Gujrat, India).

It was decided to drop the proposal as the item has limited use in IPH department.

5. New Items for Discussion.

Item No. 1. Discussions on Sustainable Development Goal.

The discussion regarding the Sustainable Development Goals was made as per Annexure 'A' attached. It was decided that each zone shall prepare action plan so as to integrate the targets and goals of the department with the Sustainable Development Goals and submit report in this regard within one month.

Item No. 2. Recommendation of the committee to standardize the definition of "Similar work".

Er. Chhabil Chand Executive Engineer presented the findings of the committee constituted under the Chairmanship of Er. Sunil Kanotra, SE IPH Circle Hamirpur, after going through the recommendations of the committee. The following recommendations were accepted by the committee and decided to refer the case to Secretary (IPH) for issuing notification: -

- 1) In case of works costing upto 2 crores there shall be no special eligibility condition of prior experience of execution of similar works. The contractors registered in appropriate class shall be considered eligible.
- 2) It may not be made necessary to have all the specialized components executed in one "complete job" for consideration of "similar work". The experience of work in different jobs can also be considered.
- 3) In a composite work, if the financial weightage of a specialized component is less than 10% of the estimated cost than it shall not included in the definition of "Similar work".
- 4) In case of Operation & Maintenance works the clause 16.5(7) (i) of CPWD works manual stipulates that "The eligibility criteria for similar works of outsourcing of day to day maintenance along with annual repair and maintenance work and special repair shall be based on the estimated cost of work for one year even if the tender is invited for a period of Two or Three years or more".
- 5) In case of poor response or unreasonably high offers are received even after calling the tenders twice, it is prudent to throw open tenders to next lower class including, to the contractors registered with other department of state, with other State Governments and Government of India. The NIT approving authority may modify the eligibility criteria suitably with full justification. However, the revision must not be with a view to facilitate the entry of particular contractor/firm. Therefore, the prior approval of the next higher authority is required.

6) Keeping in view the recommendation, the committee decided that the DNIT shall be prepared and tender shall be floated at the 100% amount of the estimated cost /technical sanction amount instead of 75%.

The Item no 4 to 13 were taken up for discussion wherein it was decided by the committee that these will be taken up during the next meeting as complete information is not available at present.

5. Firms called for Presentation.

Item No. 1. Product enlistment for your ongoing & upcoming projects. (M/s Chandranchal Infrastructure Pvt. Ltd., Baddi Solan).

As per the recommendation of the committee constituted under the Chairmanship of SE (P&I-I) wherein the committee recommended that its empanelment in the department would be useful for D. I pipe works taken up by the department. The committee decided that the fabrication unit of M/S Chandranchal Infrastructure Pvt. Ltd. is approved for fabricating D.I fittings as per requirements of IPH Department subject to compatibility of the same with the original pipe manufacturers.

Item No. 2 Regarding enlistment of CRI make water pumps in IPH Department. (M/s C.R.I Pumps (PVT) Limited G.T Road Ludhiana).

The firm is a manufacturer of submersible pumps, Centrifugal pumps, Sewage pumps, Drainage pumps. After the presentation the committee decided that the firm will make a demonstration of the product to SE IPH Circle Nahan. Further decision in this regard shall be taken accordingly thereafter as per performance report of SE (IPH) Nahan.

Item No. 3. Regarding Approval and Registration request of Durgaa/ DVPL/ Singer make valves in your department and various projects. (M/s Durga Valves Private Limited)

The firm is a manufacturer of Ductile Iron, Cast Iron, Fabricated and Cast Steel Valves. After the presentation made by the firm, the recommendations of MD, SJPNL, Shimla were discussed wherein the performance of the valve has been recommended as satisfactory. It was decided to approve the Air valve and Sluice valve of Singer make for use in IPH Department. It is further decided that performance of Durgaa/ DVPL make valves may also be checked by providing valves for demonstration to SE (IPH) Sundernagar and based on the performance report the decision shall be taken.

Item No. 4. Regarding Inside Sewer Intelligent Network Computational Engine. (M/s Geotex Automation Solutions Pvt. Ltd.)

The firm was not available for presentation. Hence, the item was dropped.

Item No. 5. Regarding presentation on Introduction of SBT Technology for Waste water recycling. (M/s Sugam Paryavaran Vikalp Pvt. Ltd.) ✓

The firm is working in field of Soil Biotechnology Alias (SBT) for Waste water recycling. After the presentation made by the firm, it was decided to send a team to NDMC where M/s Sugam Paryavaran Vikalp Pvt. Ltd has installed the system and the team shall submit its report in the next meeting.

Item No. 6. Regarding request for Incorporating in the approved Vendor list of Electro-Mechanical Equipment's for WTP/STP/EAP namely; Clarifier, Thickener, Clariflocculator, Flash Mixer, Flocculator & De-gritting Mechanisms of all sizes. (M/s Indofab Industries)

The firm is a Manufacturer of Sedimentation and Filtration equipment's used for Solid/ liquid separation in the STP/WTP/ETP namely; Clarifier, Thickener, Clariflocculator, Flash Mixer, Flocculator & De-gritting Mechanisms of all sizes. After the presentation made by the firm, the committee decided that before approving the make, a visit to the manufacturing facility of the firm should be made by the official, of the department and thereafter decision shall be taken by the committee.

Item No. 7. Regarding Introduction of Brand name "R&D Multiples" for approval. (M/s R&D Multiples Pvt. Ltd.)

The firm was not available for presentation. The committee decided to drop the item.

Item No. 8. Regarding Technical Presentation on SFMC Brand, PP-R pipes & fittings. (M/s SFMC Co. Pvt. Ltd.)

The firm is a manufacturer of high quality PP-R Pipes and Fittings. After the presentation made by the firm, it was decided that the firm shall undertake a demonstration project in Shimla Zone to demonstrate the capability of its material (pipes & fittings) at -40 C. It was also decided that the firm shall demonstrate the workability of material (pipes & fittings) in Hamirpur Zone and thereafter the final decision in this regard will be taken.

Item No. 9. Request for approval of “JYOTI HRC-100” pipes & Tubes.(M/s Madhav Alloy Pvt. Ltd.)

The firm is a manufacturer of ERW Pipes & Tubes. The committee advised the firm to participate in the tendering process of IPH Department whereby the G.I pipes are purchased by the IPH Department.

Item No. 10. Vendor approval of “R.G” Brand for Ductile Iron (DI) & Cast Iron (CI) Air Valves, Butterfly valves and Non return valves. (M/s R.G. Industries)

The firm is a manufacturer of of D.I & C.I Air valves, Butterfly valves and Non Return Valves. It was decided that firm shall give demonstration of SE IPH Circle Una and SE UNA will submit performance report to the committee. Further action in this regard shall be taken accordingly.

Item No. 11. Request for date and time for technical presentation in State Level Technical Committee for SCS-10K (ClO₂) in powder and liquid form. (M/s Bharti Waters)

The firm is a manufacturer of Powdered and liquid chlorine dioxide (SCS-10K) for drinking water treatment and waste water treatment as a replacement of bleaching powder and chlorination. After the presentation was made by the firm, it was decided that the firm shall undertake a demonstration project in SJPNL, Shimla.

Item No. 12 Request for Technical Presentation how to achieve zero BOD from Tertiary Domestic waste water outlet treated water, also ready to do free of cost one Pilot Project capacity 100m³ per day. (M/s Sumer Chand & Sons).

The firm was not available for presentation. Hence, the item was dropped.

Item No. 13 Enlistment of the firm “Gaurang Products Pvt. Ltd.” for supply of MSERW and GI Pipes in the Department for Turnkey Projects.

The credentials of the firm as under in original and attested copies were placed before the committee.

1. ISO Certificate issued by KVQA Certification services.
2. Govt. Purchase Enlistment Certificate issued by National Small Industries Corporation Ltd.
3. GST Registration Certificate.
4. Udyog Aadhaar Registration Certificate.
5. Store details certificate issue by National Small Industries Corporation Ltd.
6. BIS Code Licence Number.

It was decided to approve the make of the pipe for use in IPH Department as per latest BIS Codes and upto date amendments upto 350 mm.

Meeting ended with the vote of thanks to and from the chair.



Member Secretary -cum
Superintending Engineer,
P&I-I, Jal Shakti Bhawan,
Shimla-5.