

**Himachal Pradesh
Irrigation & Public Health Department**

No. IPH-SE(P&I)-EE-D-I-Tech. Committee/2015-16 **4695-4703** D. **02-01-2015**


To

The Chief Engineer,
(SZ),(DZ),(MZ) &(HZ).
Under IPH Deptt.
Himachal Pradesh.

Subject:- Minutes of Technical Committee Meeting.

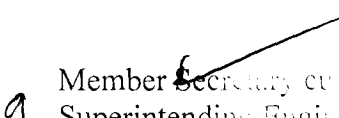
Enclosed please find herewith the minutes of 2nd Technical Committee Meeting for the year 2015-2016 held on 19-12-2015 under the chairmanship of Engineer in Chief (IPH) US, Club Shimla-01 for your kind information and further necessary action.

DA :- As above.


Member Secretary cum
Superintending Engineer
P&I Jal Bhawan, Shimla

Copy to :-

1. The Additional Chief Secy. (IPH) to the Govt. of H.P. Shimla-2 for information & similar necessary action please.
2. The Chief Engineer (D&M) Jal Bhawan Kasumpti, Shimla-9 for information & similar necessary action please.
3. The Chief Engineer cum Director, WSSO, IPH Deptt. Dhalli, Shimla-12 for information & similar necessary action please.
4. The Superintending Engineer, (Works) IPH Department Shimla-1 for information & similar necessary action please.


Member Secretary cum
Superintending Engineer
P&I Jal Bhawan, Shimla

**MINUTES OF 2nd MEETING OF TECHNICAL COMMITTEE FOR THE YEAR
2015-16 HELD ON 19-12-2015 AT 11:00 A.M. UNDER THE CHAIRMANSHIP OF
ENGINEER-IN-CHIEF (IPH), U.S. CLUB SHIMLA-1.**

2nd meeting of the Technical Committee for 2015-16 was held under the chairmanship of Engineer-in-Chief at Shimla on 19-12-2015 at 11.00 AM.

The following were present:

1. Er. K.C. Dhiman CE (SZ)
2. Er. Anil Bahri CE (DZ)
3. Er. Suman Vikrant, CE (HZ)
4. Er. Rajesh Bakshi CE (MZ)
5. Er. Sanjeev Kaul, Member Secretary-cum-SE (P&I)
6. Er. R.K. Khawla, Executive Engineer D-I, (P&I)

At the outset, Member Secretary welcomed the members to the 2nd meeting of Technical Committee for the year 2015-16. The 1st meeting of Technical Committee for the year 2015-16 was held on 15-7-2015. The minutes of the meeting were circulated to all concerned vide Member Secy.-cum-SE P&I letter No. IPH-SE (P&I)-EE-D-I-Tech. Committee/2015-16-vide No. 2224-33 dt. 6-08-2015, for comments. Some comments were received from CE, H/Z, which were incorporated in agenda for discussion. The minutes of last meeting were confirmed. Thereafter, with the permission of the chair, agenda items were taken for discussion, as under:-

Item No.1. Revision of Tender Form.

Since comments were not received from any zone. It was decided that all CEs would ensure that their comments for revision of tender form reaches CE (D&M) office by 31.01.2016 and the same shall be processed by CE (D&M) within one month to be put up to the Committee for review.

Item No. 2. Standardization of Design & other technical Parameters of Rising mains & Pumping Machinery.

Since comments were not received from any zone, It was decided that all CEs would ensure that their comments for revision of tender form reaches CE (D&M) office by 31.01.2016 and the same shall be processed by CE (D&M) within one month to be put up to the Committee for review.

Item No. 3. Regarding introduction & request of Approval of Flowmore make centrifugal & vertical pumps.

All CEs informed that the firm has not made any contact in their respective Zones for installation of one set in each zone on pilot basis, as decided in the last meeting. It was therefore, decided to drop the item.

Item No 4. Technical representation for Wetcomb Detaflex drinking water Tanks.

CE (SZ) apprised that detailed comments would be sent by 26.12.2015.

Item No 4(a).Flexible Water storage tanks for drinking water in rural areas:

The item is similar to item No.4 and would be taken up accordingly.

Item No. 5. Introduction of Chlorine Dioxide as a cleaning agent of water in HPIPH Department:

It was decided in 1st meeting for 2015-16 that firm shall contact CE (D/Z) to give a demonstration/presentation in the office of CE (D/Z) by 31st August, 2015.

Since no comments have been received from CE (D/Z), so the chairman desired that the same should be sent by 31.01.2016.

Item No.6:Purethane @ 100% solids polyurethane coating for portable water pipes internal & external coating.

CE (HZ) informed that the firm has not given any trial, as was decided in the last meeting. Besides the same not being cost effective, the item was dropped.

Item No. 7:Registration and approval of perfect valves PVT. Ltd.Under "LP" Brand Cast Iron Valves.

It was decided that CE (SZ) shall give the performance report by 31.01.2016.

Item No. 8.Installation of Bio-Toilet at Craft Mela-2011 at Surajkund :

The performance report from CE (MZ) was awaited and it was decided that the same be sent by 31.01.2016.

Item No. 9. Providing reliable & economical non electricity based disinfection dosing system.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No. 9 a.Dosatron non electricity based dosing pump and CDD5000 (chlorine Dioxide) for disinfection of drinking water.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No. 10 and 10a. Empanelment of product for rain harvesting structures /recharge of water in dry Hand Pumps and Adoption of latest GCWB approved Polymer Technology for water storage & recharge.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No.11. Request for Approval of Toshiba make soft starters.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No.12.Introduction of Grundfos Pumps.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No.13. The firm Limatorque Fridabad requested for Vender registration/ Approval of Actuator Valves.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No. 14. Manufacturing & supplying of Submersible Pumping sets, Centrifugal Pumps & Sewerage Submersible Pumps Hindustan Make.

CE (HZ) informed that the firm has installed 2 pump sets in that zone & performance is being watched.

It was decided that CE (HZ) will submit the performance report and in case of satisfactory performance on line tenders shall be called by incorporating the make & payment will be made on the basis of least rates quoted by the bidders.

Item No. 15. Clean water manufactured by ION Exchange India Ltd.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No. 16. Proposal for Water Treatment Disinfectant (MARK BAXTER).

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No. 17. New Technology for raw water & waste water treatment by introducing ultra-high rate clarifier (LAMPAK):

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No.18.Request for approval of valves.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No. 19. Automated Mobile Water Testing Laboratory.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No.20. Request for Approval of BCH Electrical items of pumping machinery such as ACB, MCCB, ATS, Star Delta starters, Relays etc.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No.21. Approval of WPIL Make pumps From WPIL Ltd. Ghaziabad:

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee

Item No.22. Use of Ductile Iron Pipes & fitting for water supply & Irrigation Projects:

Since instructions have already been issued, the item was dropped.

Additional Agenda Item No. 1. Regarding Acquisition of Land for Projects.

In view of decision taken in the last meeting, the item was dropped.

Item No. 2. Regarding Operation and Maintenance Norms of Water supply and Irrigation scheme.

The issue regarding O&M norms of water supply, irrigation, sewerage and flood protection works was discussed. It was decided that all CEs will send details of technical sanction accorded in respect of all schemes for operation and maintenance under their jurisdiction within 3 months. It was emphasized by chairman that no expenditure should be incurred on O&M of any scheme without prior technical sanction issued by the competent authority.

It was decided that comments on existing O&M norms shall be submitted by all zonal CEs & detail of technical sanction of individual schemes shall be submitted up to 31.01.2016.

Item No. 3. Regarding standard DNIT of Turnkey Projects.

Since report from all Zonal CEs was awaited. It was again decided that all CEs shall provide copy of DNIT's pertaining to major projects under their jurisdiction along with their comments highlighting the main feature, strength weaknesses and suggestion of improvement for each case under their jurisdiction to CE (D&M) within one month.

It was also observed that different DNIT,s are being used at the level of AE/ EE/ SE & CE in the State. All CE,s must ensure that uniform practice is adopted in their zones.

Item No.4. Design Mix Concrete of Grades M25 and M30.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No.5. Hand Pump Programme.

Since detailed comments from concerned CEs were awaited, the chairman desired that the same should be sent to head office by 31.01.2016, for consideration of the committee.

Item No. 6. Individual Household sewerage system.

The item was discussed & dropped.

Item No. 7. Per Capita Cost under NRDWP and AIBP.

CE (H/Z) informed that detailed proposal shall be submitted by 31.01.2016, after consultation with other zonal CEs.

NEW ITEMS:-

Item No.-1. Regarding approval of Indo Asian make Switchgear product.

The firm M/S Indo Asian 61/62, 6th Floor Kalpataru Square, Kondivata Road, Off Andheri (E) Mumbai 400059, has requested to issue the instructions to include their items/product in design/estimate.

The item has already been approved by Technical Committee in its meeting held on 22.02.2013 vide item No.2(New items) . It was decided that the make be incorporated in DNIT, if not being done presently, and CEs would send compliance report by 31.01.2016.

Item No.2.Vender Registration / Approval for Maruti welding consumables.

The firm M/S Maruti Weld Pvt. Ltd. I-1 ,Kirti Nagar New Dehli has requested to introduce their brand for welding consumables.

The item was discussed & dropped as the same is not procured in the deptt. on bulk basis.

Item No.3.Approval / Registration of Sabar make A.C. Induction electric motor.

The firm Sabar Engineering Pvt. Ltd. A-2, 3912, G. I. D.C. Estate, Phase – IV , behind cadmach , Vatba, Ahmadabad Gujarat has made a request to deptt. for introduction of A.C Induction Electric motor up to 100 HP.

The item was discussed in detail & dropped due to limitation in the product range.

Item No.4. Introduction of Kranti brand ISI marked valve.

The firm Paras Valves Pvt. Ltd. 49, Aman Nagar, Industrial area , Jalandhar had requested for introducing Karanti make valves of various classes in CI & Cast Steel.

It was decided that the firm may approach CE (DZ) for pilot trial basis. After observing satisfactory performance and submission of performance report, the on line tenders shall be called & payment will be made on least quoted rates basis.

Item No.5. Introduction of Kranti brand ISI marked domestic water meters & Kflow brand MID marked bulk meters conforming to ISO 4064 standards.

The firm M/S Aman Engineering works C 54-55 Focal Point Jalandhar has made request to introduce Karanti make water meters .

It was decided that the firm shall contact CE (HZ) for installation of meters on trial bases. After observing satisfactory performance, the on line tenders shall be called & payment will be made on least quoted rates basis by the bidders.

Item No. 6. Introduction of firm Specialized in Plumbing tool / hand tools connected with irrigation and water supply.

The firm Inder Industries Basti Danishmandan, Shivpuri road , Jalandhar-144002 wants to introduce plumbing tool / hand tool.

It was decided that the firm may approach CE (DZ) for pilot /trial ~~base~~. After observing performance, the on line tenders shall be called & payment will be made on least quoted rates basis.

Item No.7. Medhaj Techno concept Pvt. Ltd.

Medhaj techno concept Pvt. Ltd wants to introduce as consultant for major projects consultancy.

The item was discussed in detail & dropped.

Item No.8. Introduction of IWET CZ drinking water technology,

Chairman IWET a.s Czech republic want to introduce of IWET CZ drinking water technology. Company is expert in drinking water technology which produces healthy potable water having all essential minerals in desired quantity that shall guard against borne diseases and cut down personal as well as State Government expenditure on medication & hospitalization.

It was decided that the firm shall contact CE (SZ) on pilot basis for trial purpose. The comments/report will be submitted by 31.01.2016.

Item No.9. Regarding water purifier developed for Iron, Arsenic & Fluoride affected areas.

Received from Sh. Kamal Kumar Agarwal, B-8, Shailendra Nagar near Bank of Baroda, Raipur (C.G.), India. Requested the deptt. for technical presentation to introduce water treatment technology for removal of iron, Arsenic etc.

The item was discussed in detail & dropped.

Item No. 10. Aquanomics Ozonator System.

The firm Aquanomics system B-2, 3rd floor Greater Kailash Enclave -II, New Dehli wants to introduce Ozone system in IPH Shimla.

The representative of the firm made a representation before the committee & highlighted the advantages of the system. It was decided that the firm will approach SE (WS&S) Shimla to collect necessary water sample of Ashwani khad and thereafter submit the detailed estimate for disinfection of water for five years & ten years period, by 15-01-2016. The CE (SZ) will submit the report by 22.02.2016 alongwith details of expenditure on disinfection of water in Ashwani khad for last five years.

Item No.11. Disinfectant "CDD 5000" Chlorine Dioxide in powder form dully NSF-ANSI 60.

The firm Bharti Water Pvt. Ltd. M-4 B Aradhan Bhawan, Azadpur Complex, Dehli-110033 requested to introduce disinfection CDD 5000 and dosatron.

This item has already been discussed under item No.9 (a), hence dropped.

Item No.12. Non Electricity based Dosatron disinfection dosing System.

The firm Bharti Water Pvt. Ltd. M-4 B Aradhan Bhawan, Azadpur Complex, Dehli-110033. The non-electricity dosing pump driven by water power of capacity 3 cum per hour, 8 cum per hour and 20 cum per hour for the capacity of water supply scheme up to 60000 LPH and upto 320000 LPH respectively.

This item has already been discussed under item No. 9, hence dropped.

Item No. 13. Appointing CIPET as Third party Agency for pre-delivery Inspection of PVC/UPVC/HDPE Pipes/Bags.

Central Institute Of Plastics Engineering and Technology Deptt. of Chemicals and Petrochemicals Ministry of Chemicals and fertilizers, govt. of India P.O Rayon and Silk Mills, Amritsar had requested for appointment as third party inspection agency regarding PVC / UPVC/ HDPE pipes.

The item was discussed in detail & dropped.

Item No.14. Technical presentation of Kirloskar products.

The representative of the company made a presentation about Kirloskar range of products , their features and developments for information of the department.

It was decided that the firm shall contact CE (D/Z) for installation of RKB multioutlet pump and CE (H/Z) for installation of submersible raw water pump (KRT type) on trial basis. After observing satisfactory performance, the on line tenders shall be called & payment will be made on least quoted rates basis by the bidders.

Item No. 15. "SOILEX" soil stabilizing agent.

Candala Industries Rukmani Bhawan Shili road Solan wants to introduce their product in the department.

The item was discussed in detail & dropped.

Item No. 16.Waste water treatment solution.

Eurotek environmental Pvt.5/7, 2nd floor, destpatel nagar New Delhi wants to introduce advanced waste water treatment systems, aerators and mixers used in municipal and industrial waste water treatment facilities, the restoration of lakes, rivers and harbors, and the aquaculture (fish farming) industry.

The item was discussed in detail & dropped.

Item No.17. Introduction as manufacturer and Exporter of sewerage & sanitation Equipments.

IOTA Engineering Corporation opposite plot No 127, Udyog Bihar phase-1, Dundahera, Gurgaon-122016 (Haryana) wants to introduce their product like dumpers, tankers, Garbage container in the deptt.

The item was discussed in detail & dropped.

Additional Agenda:-

Item No. 1.Provision of HDPE pipes in distribution network under CAD in respect of irrigation work (Presented by CE (H/Z)).

CE (H/Z) highlighted the issue regarding use of HDPE pipes in distribution network under CAD in respect of irrigation work. As per prevailing practice RCC/ACC pressure pipes which were widely used in distribution system of irrigation schemes have been substituted with HDPE pipes of suitable class and dia based upon design requirements and mostly PE-63,PE-80 pipes are being used as per availability of dia in manufacturing range of PN-2.5,PN-4,PN-6,PN-8 etc.

CE (H/Z) suggested for standardization of class of pipes to be used in distribution system and CAD works, in future. .

It was decided that Chief Engineers of all zones will give their comments

to CE(D&M) by 31st January, 2016 and same shall be compiled and a preliminary report shall be sent by CE (D&M) by 29-02-2016.

During concluding discussion the Chairman observed that metering of commercial water connection is not being done strictly as per the instructions issued and emphasized that all CEs should ensure compliance to the same by field officers.

It was also reiterated that introduction of new items/ makes on pilot / trial basis shall be made strictly within the available / sanctioned budget only.

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