

**Himachal Pradesh
Jal Shakti Vibhag**

No.IPH-SE-(P&I-I)D-I-Tech-Committee(Product)/2020-21- 814-20 Dated 18/7/20
To

The Chief Engineer,
Hamirpur, Dharamshala, Mandi & Shimla,
Jal Shakti Vibhag,

Subject: Minutes of 2nd State Level Technical Committee (products) meeting for the year 2020-21 held on dated 09.06.2020 under the chairmanship of Engineer-in-Chief(JV) at Jal Shakti Bhawan, Shimla-05.


Enclosed please find herewith the minutes of 2nd meeting of state Level Technical Committee (Products) for the year 2020-21, held on 09.06.2020 under the Chairmanship of Engineer-in-Chief (JSV) at Jal Shakti Bhawan, Shimla-05 for your kind information and further necessary action.

DA: Minutes of Meeting


Member Secretary-Cum
Superintending Engineer
P&I-I, Jal Shakti Bhawan,
Shimla-05

Copy to:

1. The Secretary Jal Shakti Vibhag, Shimla for information please.
2. The Engineer-in-Chief, Jal Shakti Vibhag, Jal Shakti Bhawan Shimla-05 for information please.
3. The Joint Controller (F&A), Jal Shakti Vibhag, Jal Shakti Bhawan Shimla-05 for information please.


Member Secretary-Cum
Superintending Engineer
P&I-I, Jal Shakti Bhawan,
Shimla-05

Minutes of the 2nd State Level Technical Committee (Products) meeting for FY 2020-21 held on 09.06.2020 under the Chairmanship of Engineer-in- Chief (JSV) at the Jal Shakti Bhawan, Shimla -5.

2nd meeting of the State Level Technical Committee (Products) to process the proposals of various Firms/ companies for registration and approval of the products/ services sewerage schemes was held under the Chairmanship of Engineer-in- Chief (JSV) at Jal Shakti Bhawan, Shimla on 09.06.2020 through Video Conferencing.

At the outset, the Member Secretary – cum – Superintending Engineer (P&I-I) welcomed the Chairman and all the members to 2nd meeting of SLTC for FY 2020-21. It was informed by the Member Secretary that the minutes of the Technical Committee held on 31.10.2019 were circulated to all concerned vide letter No. IPH-SE-(P&I-I) D-I. Tech. Comm./2019-20-3165-73 dated 16.11.2019. The minutes were confirmed.

Accordingly, agenda items were taken up for discussion one by one as below:

A. Agenda Items from Previous meeting:

Item No.	Description of Product	Address of the Firm	Latest Status	Decision of the Committee
I.	2nd Meeting for the year 2018-19 held on 26.06.2018 – Additional Items			
6	Regarding request for approval of DOROT make control valves , Air valves Water Meters	M/s Dorot Valves India Private Limited P.N 2 Harinagar Vistar, Chandani Chowk, Jhotwara, Jaipur Rajasthan , India, 302012.	Member Secretary apprised the committee that reminder was issued to EE Nahan vide letter No. 3417-19 dt. 11.12.2019, but no report has been received.	The matter was discussed and dropped
II.	4th meeting for the year 2018-19 held on 22.10.2018 – New Items			
10	Approval of "BVI" make cast steel & Gun Metal Valves /fitting	Bir Valves Industry, G.T. Road Bye Pass, Maqsudan Jalandhar. 144008 (PB)	The firm was directed by the committee to execute a pilot project to assess the performance of its product under the Superintending Engineer IPH Circle Kullu. The SE JSV Circle Kullu intimated	The matter was discussed and dropped

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			vide office letter No. 10297-98 Dated 18.11.2019 that firm was once again asked to execute pilot project to assess the performance of its product. Report submitted by EE Kullu II to SE Kullu vide letter No. 10723-27 Dated 19.11.2019 is not pertaining to this matter, as it did not mention about the pilot project. Report Awaited.	
III.	5th meeting for the year 2018-19 held on 18.03.2019 – New Items			
4.	Regarding application for Brand Registration.	M/s B/M Water Meters village Selem Pur Musalmana near active tools Punjab.	As per decision of the committee, letter (No. 3440-41 Dated 11.12.2019) was issued to MD-cum-CEO, SJPNL. Report Awaited	To issue reminder the MD-cum-CEO SJPNL.
8.	Regarding introduction of Yooil Infra's Advance water resource management solutions of Rubber dam and Canal Lining with Bituminous geo-membrane and concrete Mattress for upcoming project in State of Himachal Pradesh for minor Irrigation and ground water development.	M/s Yooil Infra Pvt. Ltd. Plot No. A-125 , A-126, A0-125 (Part), Road No. 22 Wagle Industries Estate, Thane - 400064	The Superintending Engineer, JSV Circle Solan intimated vide letter no. 5655-57 dt. 25.10.2019 that the representative of M/s Yooil Infra Pvt. Ltd. visited the office and was provided requisite data for potential rain water harvesting site at Nauni in G.P. Nauni to give detailed report consisting of feasibility and technical aspects. However, the representative did not respond after that and therefore no performance report can be submitted.	The matter was discussed and dropped.

Item No.	Description of Product	Address of the Firm	Latest Status	Decision of the Committee
IV.	2nd meeting for the year 2019-20 held on 31.10.2019 – New Items			
4	Request for trial order and allotment of site for field trial.	M/s Manhar Technologies, H.O-Plot No. 363/2 Sri Sai University Palampur- Himachal Pradesh Pin- 176062.	The firm intimated that no site has been allotted to them for trial after repeated visits till date. Reminder has been issued to Chief Engineer Shimla Zone vide letter No. 3399-3402 Dated 11.12.2019. Report Awaited.	Item deferred till next meeting. Action By: The Chief Engineer (SZ).

B. Firms called for Presentation –in previous meetings:

Item No.	Description of Product	Address of the Firm	Latest Status	Decision of the Committee
I. Firms called for Presentation for the meeting held on 08-07-2019				
2.	Regarding enlistment of CRI make water pumps in IPH Department .	C.R.I Pumps (PVT) Limited Lyall Market Near G.M.T Public School Opp. Jackson Petrol Pump, G.T Road Ludhiana- 141008	As per decision of the committee, letter (No. 3433-35 Dated 11.12.2019) was issued to SE Circle Nahan. Report Awaited	Item deferred till next meeting. Action By: The Superintending Engineer, JSV Circle Nahan
3.	Regarding Approval and Registration request of Durga/ DVPL/ Singer make valves in your department and various projects.	M/s Durga valves private limited Ichappur Road, Canal Side Santragachi Howrah- 711104 (WB) .	As per decision of the committee, letter (No. 3403-04 Dated 11.12.2019) was issued to MD-cum-CEO, SJPNL. Report Awaited	To issue reminder to the MD-cum-CEO, SJPNL.
6.	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 C/3-4-5, Hatkesh Udyog Nagar, Kashmiri Bhayander Road Post: Mira, Dist. Thane, Maharashtra-40104.	CE(H/Z) vide his office letter No. 10808 dated 21.11.2019 has requested to supply a copy of documents presented before the committee by the firm. Scanned copy of document presented by the firm has been emailed to CE(H/Z) through email. Report Awaited.	Item deferred till next meeting. Action By: The Chief Engineer (HZ).

Item No.	Description of Product	Address of the Firm	Latest Status	Decision of the Committee
8.	Regarding Technical Presentation on SFMC Brand, PP-R pipes & fittings.	M/s SFMC Co. Pvt. Ltd., Lal rattan building Basement, West Patel Nagar, Near Satyan Cinema, New Delhi-110008.	As per decision of the committee, reminder was issued to the firm, Chief Engineer Shimla Zone and Hamirpur Zone (letter no. 3430-32 dated 11.12.2019). Report Awaited	The Committee decided that PPR pipes will be used in the cold regions only, therefore, the performance report from the Chief Engineer (SZ) will be considered to arrive at the final decision. The item deferred till next meeting. Action By: The Chief Engineer (SZ).
11.	Request for date and time for technical presentation in State Level Technical Committee for SCS-10K (ClO ₂) in powder and liquid form.	M/s Bharti Waters, M-4B Aradhana Bhawan, Azadpur commercial complex Delhi-33	As per decision of the committee, letter (No. 3442-43 dated 11.12.2019) was issued to MD-cum-CEO, SJPNL. Report Awaited	To issue reminder to the MD-cum-CEO, SJPNL.
II.	Firms called for technical details on 31-10-2019			
4.	Regarding approval "Topland Engineers Pvt. Ltd." Make Diesel Pumps Sets, Submersible Pump Sets, Generating Sets etc.	M/s Topland Engineers Pvt. Ltd. 2-Umakant Pandit Udyognagar, Mavdi Plot, Rajkot-360004 (Gujrat).	As per decision of the committee, letter (No. 3381-83 Dated 11.12.2019) was issued to the Chief Engineer (HZ). Report Awaited	Item deferred till next meeting. Action By: The Chief Engineer (HZ).
8.	Regarding Introduction of Brand name "R&D Multiples" for approval.	M/s R&D Multiples (Metal Cast) Pvt. Ltd., 106, United Industrial Estate, Mogul,	As per decision of the committee, letter (No. 3425-27 Dated 11.12.2019) was issued to the Chief Engineer (MZ)	Item deferred till next meeting. Action By: The Chief Engineer

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		Mahim (W)Mumbai-400016.	Report Awaited	(MZ).
9.	Application for approval of Brand for the products Open-well & Bore well Submersibles, Centrifugal Mono-bloc Pumps.	M/s Angel Pumps (P) Limited.	As per decision of the committee, letter (No. 3390-92 Dated 11.12.2019) was issued to the Chief Engineer (DZ). Report Awaited	Item deferred till next meeting. Action By: The Chief Engineer (DZ).
10.	Empanelment of our made/ product	M/s Home Care Traders	As per decision of the committee, letter was issued to the Superintending Engineer, JSV Circle Sundernagar (letter No. 3393-95 Dated 11.12.2019) to submit the performance report on the demonstration product to be undertaken by the firm under JSV Division, Chauntra. Report Awaited	Item deferred till next meeting. Action By: The Superintending Engineer, JSV Circle Sundernagar.
11	Empanelment of Third party inspection Agency.	M/s International Quality Management Services	As per decision of the committee, letter was issued to the Chief Engineer (SZ) (No. 3384-86 Dated 11.12.2019) to visit the manufacturing /testing unit of the firm (for PVC and HDPE pipes only). Report Awaited	Item deferred till next meeting. Action By: The Chief Engineer (SZ).
12	Proposal for empanelling CIPET as third party inspection agency for inspection of PVC,HDEP,DI,GI,CI, pipes and other items etc. procured by	The firm central institute of Plastics Engineering & Technology (CIPET) Plot No .198/201 Near Biogenetic Pvt LTD. Jhamarjri, Baddi-173205 (Himachal Pradesh)	As per decision of the committee, letter (No. 3376-80 Dated 11.12.2019) was issued to the Superintending Engineer, JSV Circle Solan to visit the facility of CIPET Baddi. Report Awaited	The Chief Engineer(SZ) informed that the facilities of CIPET Baddi have been found satisfactory and report shall be submitted separately. The committee approved the proposal of the firm for

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	Government.			empanelling CIPET as third party inspection agency for inspection of PVC,HDPE,DI,GI,CI pips and other items etc. procured by government.
13	Approval / Empanelment of firm for water tank cleaning Services.	M/s Hartlay Electronics Plot No. 19-B, Industrial Area Shoghi, Shimla 173219	As per decision of the committee, letter was issued to the Superintending Engineer, JSV Circle Shimla - 9 vide No. 3396-98 Dated 11.12.2019. Report Awaited	The committee decided to approve the process proposed by the firm and the vendor registration is not required and the firm may participate in the bidding process subject to the fulfilment of the terms and conditions of the Bidding Document.

C. Items for Internal Discussions

Item No.	Description of Product	Address of the Firm	Latest Status	Decision of the Committee
2	Approval of PPR Pipe	Kanha Plastic Pvt. Ltd. 122/69, central Hope Town, Salaqui Industrial Area, Dehradun-248197. Email: narinder@kptpipes.com	The firm has already participated in 2 nd meeting of STAC for the year 2018-19. It was decided by the committee that firm may approach quarter concerned for registration as vendor against contract/Gem portal. Firm has already done department	The Committee decided that PPR pipes will be used in the cold regions only, therefore, the performance report from the Chief Engineer (SZ) will be considered to arrive at the final

Item No.	Description of Product	Address of the Firm	Latest Status	Decision of the Committee
			project at Dharamshala with fitting like Union Gate Valve, FTS, Elbow, FTT Socket. Etc.	decision. The item deferred till next meeting. Action By: The Chief Engineer (SZ).
3	Request to relook for inclusion of specification of double twisted machine made gabions manufactured by latest technology.	Maccaferri environmental Solution Pvt. Ltd. Email: a.shaaz@maccaferri.com	The firm has already participated in 1 st meeting of STAC for the year 2018-19. It was decided by the committee that the Superintending Engineer, JSV Circle Hamirpur will send the specifications of mechanically woven steel wire mesh suggested by the firm for flood protection works to CWPRS Pune for vetting. Further decision will be taken after receipt of CWPRS comments.	The committee referred the matter to the Chief Engineer (MZ) to take the matter with CWPRS, Pune after obtaining the samples from the Chief Engineer (HZ). Action By: The Chief Engineer (MZ).

D. Firms called for technical details on 09.06.2020

Item No.	Description of Product	Address of the Firm	Decision of the Committee
1.	Regarding approval of Bonton make PVC Flexible wires, fire Survival Cables, control and instrumentation Cables, telephones & CCTV & Solar Cables.	M/S Bonton Cables Pvt Ltd 17A/49, 1 st Floor, W.E.A, Karol Bagh, New Delhi-110005. Email: marketing@bontoncablesindia.com anatalwar@bontoncablesindia.com	The Committee found that the use of the products offered by the firm is very limited in the department and cables as per the IS Code are used by department. Hence does not require separate approval.

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2.	Regarding approval of Falcon Brand Pumps centrifugal Mono Bloc, open well & bore well submersible & solar powered pump set.	M/s Falcon Pumps Pvt. Ltd 39/4, Vavdi Ind. Area, Gondal Road, NH-8B, Post: Vavdi Rajkot-360004, Gujrat India Email: cmss@falconpumps.in	It was decided by the committee that the firm shall undertake a demonstration project under JSV Zone Shimla on a scheme involving high head. Further decision in this regard shall be taken after the receipt of the performance report of Chief Engineer (SZ). The firm is directed to report to the office of the Chief Engineer, Jal Shakti Vibhag, Shimla Zone, Jal Shakti Bhawan, Shimla - 5 Action By: M/s Falcon Pumps Pvt. Ltd and the Chief Engineer (SZ).
3.	Regarding Pressed steel tanks for water storage solution (IS-804)	M/s GVM Engineers, Rajgarh Road near Shiv Mandir Jatoli (Solan) PO Ochaghat Solan (HP). email: gvmsolan@yahoo.com gvmsolan@gmail.com	The committee asked the firm to submit the cost details of the pressed steel tanks to the office of the Superintending Engineer (P&I-I), Jal Shakti Vibhag, Jal Shakti Bhawan, Shimla - 5. Action By: M/s GVM Engineers, Solan.
4.	Request for appointment to present "Decision Support System" Irrigation Scheduling using real time data on water availability and requirement (Ish W Ar) to increase canal irrigation efficiency. (M/S Kritsnam Technologies Pvt. Ltd.)	M/S Kritsnam Technologies D/104, Ashdeep apartments Jorar, Namkum, Ranchi-834010 Email: contact@kritsnam.in	The firm did not present its product before the committee, therefore, the committee decided to drop the item.

Item No.	Description of Product	Address of the Firm	Decision of the Committee
5.	M/s AquaBrim (Smart Wireless Water Management Automation System)	M/S Aqua Brim Plot No. 649, Eltop Industrial Area, Phase-IX, Mohali India-160062. Email: aquabrimchandigarh@gmail.com	<p>The firm apprised the committee about the wireless water level monitor, which can be used simultaneously on 5 to 6 tanks and informed that the firm has executed projects in Himachal Pradesh Rural Development Department.</p> <p>The committee asked the firm to submit the details of the project executed by it in HP RDD along with performance report.</p> <p>Action By: M/s Aqua Brim, Mohali.</p>
6.	Application for Vendor Registration for Lecon Energetics Make FCMMA plus Soft Starter and HT Capacitor Panels.	No. 484 B&C, IV Phase, Rewdale Campus, Opp BMTC depot No. 9 M/s Lecon Energetics Pvt. Ltd, Email: sales@leconsystem.com lecongmg@gmail.com	<p>It was decided by the committee that the firm shall undertake a demonstration project under JSV Circle Bilaspur. Further decision in this regard shall be taken after the receipt of the performance report from the Superintending Engineer, JSV Circle Bilaspur. The firm is directed to report to the office of the Superintending Engineer, Jal Shakti Vibhag, JSV Circle Bilaspur for allocation of the scheme for demonstration.</p> <p>Action By: M/s Lecon Energetics Pvt. Ltd and the Superintending Engineer, JSV Circle Bilaspur.</p>
7.	Request for approval and inclusion of " DVEPL make in list of LT Panel/APFC Panel/ac CONTROL Panel/ Pump House Panel/feeder Pillar/ cable junction Boxes/circuit breaker Boxes/ DC Rated Junction	DV Electronics Pvt. Ltd. Prabhu Niwas Building near Ranbir Petrol Pump Road Patankot-145001. dvepl@yahoo.in	<p>It was decided by the committee that the firm shall undertake a demonstration project under JSV Circle Nurpur. Further decision in this regard shall be taken after the receipt of the performance report of the Superintending Engineer, JSV Circle Nurpur. The firm is directed to report to the office of the</p>


Item No.	Description of Product	Address of the Firm	Decision of the Committee
	Boxes		<p>Superintending Engineer, Jal Shakti Vibhag, JSV Circle Nurpur for allocation of the scheme for demonstration.</p> <p>Action By: M/s Lecon Energetics Pvt. Ltd and the Superintending Engineer, JSV Circle Nurpur.</p>
8.	Enlisting name as approved vendor for supply of valves and gates in your various projects. (C.I Sluice/gate valves of various dia, C.I Fire Hydrants Valves IS Standard, C.I Single/double Acting Air Valves Indian Standard)	<p>M/s Kalpana Valves Manufacturing Co. (P) Ltd. Ichapur H.I.T Road Sastibagan, Santragachi, Howrah-711104(WB) Email: kalpanavalves@yahoo.co.in</p>	<p>The firm did not present its product before the committee, therefore, the committee decided to drop the item.</p>
9.	Draft Copy of salary MOU and presentation on Mobile App	<p>HDFC Bank Ltd. Aloka Cottage, Below Scandal Point, The Mall Shimla. Email: robm.chopra@hdfcbank.com</p>	<p>The firm did not present its MoU and detailed offer before the committee, however keeping in view the presentation by the bank before the department, the committee decided to defer the item till next meeting.</p>
10.	Regarding water conservation and waste water treatment.	<p>Jaldhara Pvt. Ltd Vill. Oddar PO Banuri Tehsil Palampur , Distt. Kangra. Email: jaldhaarainnodi10@gmail.com</p>	<p>The committee asked the firm to submit the cost details of the eSBR technology and its comparison with other technologies to the office of the Superintending Engineer (P&I-I), Jal Shakti Vibhag, Jal Shakti Bhawan, Shimla – 5.</p> <p>Action By: Jaldhara Pvt. Ltd.</p>

Item No.	Description of Product	Address of the Firm	Decision of the Committee
11.	Regarding empanelment for 100 % third party inspection of supply item at vendor and contractor place at various types items ERW/GI/Pipes, valves, pumps, motors other item which electro-mechanical.	M/s Ankita Edlipse Engineering Global Pvt. Ltd.Sugar Palm Green Gr. Noida Uttar Pradesh-20130. Email: Contact No. 9999461473. edipseengg@gmail.com, info@edipse.com	The firm did not present its product before the committee, therefore, the committee decided to drop the item.
12.	Request Letter for Technology approval Make as per latest amendments in CPCB Guidelines	M/s Aaxis Nano Technologies Pvt Ltd. Plot No. B-46,Sector -59, Industrial Area Noida UP-201301. Email: info@aaxisnano.com	The committee asked the firm to submit the cost details of the online effluent quality monitoring system to the office of the Superintending Engineer (P&I-I), Jal Shakti Vibhag, Jal Shakti Bhawan, Shimla – 5 and decided that the firm shall also undertake a demonstration project under JSV Circle Nahan in JSV Division Nahan. Further decision in this regard shall be taken after the receipt of the performance report of the Superintending Engineer, JSV Circle Nahan. Action By: M/s Aaxis Nano Technologies Pvt Ltd. Noida and the Superintending Engineer, JSV Circle Nahan.
13.	Regarding sample testing of GI,DI,MESERW,RCC,HDPE/PVC,GI Wire Steel, water etc and all kind of material use in I&PH Department Request Thereof	M/s Alpha Test House Plot No. 160, Ind. Area Phase-IX Mohali-160062. Email: chandigarh@alphatesthouse.com Alphatesthouse160@gmail.com	The committee asked the firm to submit the documentary proofs of all the work done under Government sector to the office of the Superintending Engineer (P&I-I), Jal Shakti Vibhag, Jal Shakti Bhawan, Shimla – 5. Action By: M/Alpha Test House, Mohali.

Item No.	Description of Product	Address of the Firm	Decision of the Committee
14.	Rain Water Harvesting to Groundwater and detection of groundwater for installation of tube wells by Geophysical equipment's.	M/s Geocon Consultants, 31-D, Pocket A-3, Kalkaji Extn, New Delhi-110019. Email: geoconiv@yahoo.co.in	The firm did not present its product before the committee, therefore, the committee decided to drop the item.
15.	Installation of PLC Based Centralized Automatic Bacteriological Treatment Plant with Online Comprehensive Analyzer at the Pump Houses for Supply of Bacteria Free Drinking Water as per BIS Standard Vide IS 10500-2012	M/s Mercury International Pvt. Ltd. CB-1003, Evershine Greens, New Link Road, Oshiwara, Andheri-W, Mumbai 400053. Email: info@mercuryintl.in	
16.	Appointment for presentation of our prefabricated water treatment plant technology	M/s Ion Exchange India Ltd. Flat No. 08 Block B, local Shopping Centre Ring Road, Narana Vihar New Delhi-110028. Email: jagjeevan.singh@ionexchange.co.in	The firm requested to include its product in the Schedule of Rate, therefore, the committee asked the firm to submit the rate analysis, detailed technical specifications, performance evaluation reports from certified Labs and Government Departments/agencies to the office of the Superintending Engineer (P&I-I), Jal Shakti Vibhag, Jal Shakti Bhawan, Shimla – 5. Action By: M/s Ion Exchange India Ltd, Delhi.
17.	Introduction of DVD Valves ,Repair Clamps & dismantling joints, Request for Trial Approval and inclusion of make in JSV	Krishna Equipment & Construction Technologies Plot No. 1361, JLPL Ind. Park, Sector 82, SAS Nagar Mohali-160065 (Punjab) kect_rahul@yahoo.com	The firm did not present its product before the committee, however, the committee deferred the proposal for next meeting.

Item No.	Description of Product	Address of the Firm	Decision of the Committee
18.	Regarding make approval of our Brand Aarmation electric for electrical and automation products and solutions required in pumping automation.	Aarmation Electric Pvt. Ltd. H.O & Works Ind. Area sector 2 Kasauli road Parwanoo. Solan (HP) 173220 Email: saurabh.vasudeva@aarmationelectric.com, info@aarmationelectric.com	<p>The committee decided that the firm shall undertake a demonstration project free of cost for its electrical and automation products under JSV Circle Solan in JSV Division Nalagarh. Further decision in this regard shall be taken after the receipt of the performance report from Superintending Engineer, JSV Circle Solan.</p> <p>Action By: M/s Aarmation Electric Pvt. Ltd., Nalagarh and the Superintending Engineer, JSV Circle Solan.</p>
19.	Approval of Forbes Marshall Make PLC/SCADA and Water Quality Analysers (PH/ TDS/ DO/ Conductivity/ Chlorine/ BOD/ COD/ PH/ TSS, Ammonia/ Turbidity etc.	Forbes Marshall Pvt. Ltd., SCF-38, Ph-1 ST SAS Nagar Mohali, Punjab-160065 Email: drdsharma@forbesmarshall.com	<p>The firm informed the committee that its PLC/ SCADA system has already been installed under Hamirpur Zone, therefore, the committee decided that the Chief Engineer (HZ) will submit the performance evaluation report of the PLC/SCADA installed by the firm. In addition, the firm shall undertake a demonstration project for its Water Quality Analyser products under JSV Circle Hamirpur. Further decision in this regard shall be taken after the receipt of the performance report from the Superintending Engineer, JSV Circle Hamirpur.</p> <p>Action By: The Chief Engineer (HZ), M/s Forbes Marshall., Mohali and the Superintending Engineer, JSV Circle Hamirpur.</p>

Item No.	Description of Product	Address of the Firm	Decision of the Committee
20.	Matrix Geo Solutions Pvt. Ltd - Modern Survey Technology (Drone/ LIDAR /Satellite) For Irrigation Sector-Matrix Geo-Solutions	Matrix Geo Solutions Pvt. Ltd saumya@matrix-Geo.Com, ais@matrix-geo.com	The committee decided that the vendor registration not required and the firm may participate in bidding process subject to the fulfilment of the terms and conditions of the Bidding Document.
21.	Manual on Grey Water Management in Rural Areas of Himachal Pradesh	N.A.	A committee under the chairmanship of Superintending Engineer, JSV Circle Una was constituted vide letter No. 12-20 dated 10.04.2020 to frame Manual on Grey Water Management in Rural Areas of Himachal Pradesh. Accordingly, the draft copy of the manual was submitted by Superintending Engineer, JSV Circle Una. The committee decided that the manual will be circulated in JSV for comments/suggestion from all concerned. Action By: The Superintending Engineer, P&I Shimla – 5.
22.	Studies to increase in water use efficiency by WAPCOS		It was decided that about 100 locations be selected for monitoring of water quality and quantity (about 25 locations in each zone) with atleast one location in each constituency. Thereafter WAPCOS will submit detailed proposal in this regard. Action By: All Chief Engineer.


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