



**Minutes of the 403rd meeting of Kerala Water Authority held on 13/06/2018 at
02.30 P.M. in the Conference Hall of CCU Building, Kerala Water Authority,
Thiruvananthapuram.**

Minutes of the 403rd meeting of Kerala Water Authority held on 13/06/2018 at 02.30 P.M. in the Conference Hall of CCU Building, Kerala Water Authority, Thiruvananthapuram.

Present:

- | | |
|--------------------------|--|
| 1. Sri.Tom Jose IAS | Chairman KWA, Additional Chief Secretary, Labour and Skills Department with full Additional charge of Taxes (Excise) and Water Resources Department. |
| 2. Dr. A. Kowsigan IAS | Managing Director, KWA |
| 3. Smt. Tinku Biswal IAS | Secretary, Water Resources Department |
| 4. Sri. Raveendran T. | Technical Member |
| 5. Sri. Alex Kannamala | Member |
| 6. Sri. T.V. Balan | Member |
| 7. Sri V. Murugadas | Member |
| 8. Sri. Sreekumar M. | Secretary, KWA |

Item No. I (1) Minutes of the 402nd meeting held on 10/05/2018

The Authority confirmed the Minutes of the 402nd meeting with the following correction in Resolution No.10681.

The words "It is also resolved to limit the provisional sum to Rs.20,000,000/- per year" is substituted by "It is also resolved to limit the provisional sum to Rs.2,000,000/- (Rupees Twenty lakhs) per year".

Item No. II (1) Review of Action Taken in the Previous Meeting

The Authority reviewed the action taken report. It is noted that the action on Resolution No.10663 for engaging a consultant for sector status study is pending. The Authority also observed that a status report on the rural sector is already available with KRWSA. The Managing Director is directed to take necessary steps to prepare the terms of reference of the study and to float tenders for engaging the consultant before 27th June, 2018.


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Item No. III (1) Budget Estimates for the year 2018-19 and the Revised Estimates for the year 2017-18

Res. No. 10691 The Authority discussed the agenda in detail and **resolved to recommend the budget estimate for the year 2018-19 and the revised estimate for the year 2017-18 for submitting the same to Government for approval.**

The Authority noted that the revised estimates for capital expenditure during 2017-18 is Rs.855.77 crores. The budget estimate for 2018-19 is Rs.2269.26 Crores. During the discussions, it was pointed out that the present staff strength is not sufficient for the implementation of project works of this scale. The shortage of supervisory staff at field level for execution of works is of concern. The Authority directed to explore the possibility of deployment of staff from offices with lesser workload and submit proposal for additional posts based on a workload assessment, for the consideration of the Authority.

Item No. III(2) Audit of accounts of National Drinking Water Supply Programme reg. (NRDWP)

Res. No.10692 The Authority discussed the matter in detail. M/s S.Ram and Co, Chartered Accountants have been auditing the accounts for the past 6 years. Hence, it is appropriate to change the auditing firm. Selection shall be made from the list of empanelled auditors after inviting offers.

The Authority observed that the annual accounts of KWA are not finalized since 2013-14. In the 398th meeting vide decision No.10613 it was resolved to outsource the accounts finalization up to the receipt of the Audit report from the Accountant General for each year from 2014-15 to 2016-17. No action is seen taken in this regard. The Authority took serious note of the fact that the accounts since 2013-14 are not presented to the Government. The Authority also resolved to direct the Managing Director to outsource the finalization of the accounts expeditiously.


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Item No. III (3) Meter Reading of Kerala Water Authority Consumers – Android based Application for self-meter reading by consumers

Res. No. 10693 The Authority discussed the agenda in detail and **resolved to develop an Android based application for self-reading of meters by consumers of Kerala Water Authority.**

Item No. IV (1) AMRUT – 2017-18- Augmentation of Water Supply Scheme to Palakkad Municipality Phase III - Package II (Part-I)- Mattumantha Zone - Supplying and Laying rider mains, providing water service connection

Res. No. 10694 The Authority discussed the agenda in detail. It is noted that this is the first tender for the subject work wherein 3 bidders participated and all three were pre-qualified by STC-TA meeting. The lowest amount is seen quoted by Sri.C.T.Thambi for an amount of Rs. 14,86,29,800/- which is 5.20% below the tendered PAC of Rs. 15,67,87,191/-(DSR 2016) and below the tendered PAC- LMR of Rs. 16,90,39,220/-. **The Authority resolved to accord sanction to award the work of “AMRUT – 2017-18 - Augmentation of Water Supply Scheme to Palakkad Municipality Phase III - Package II (Part-I)- Mattumantha Zone- Supplying and Laying rider mains, providing water service connection” to the lowest tenderer Sri.C.T.Thambi, Thrissur at his quoted amount of Rs. 14,86,29,800/- which is 5.20% below the tendered PAC of Rs. 15,67,87,191/- based on DSR 2016.**

The tendering authority shall prepare the billing/payment schedule as per the prevailing circular and shall incorporate all items included in the estimate as part of the same.

Item No.IV (2) AMRUT–2017-18- Augmentation of Water Supply Scheme to Palakkad Municipality Phase III - Package II(Part-III)- Kalmandapam Zone- Supplying and Laying rider mains, providing water service connection


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Res. No. 10695 The Authority discussed the agenda in detail and noted that the subject tender is the first tender wherein 2 bidders participated and both were pre-qualified. The lowest amount is seen quoted by Sri Binu Mathew who quoted an amount of Rs. 13,25,39,999/- which is 6.80% above the tendered PAC of Rs. 12,41,02,014/- and below the tendered PAC based on LMR of Rs. 13,43,64,479/- (reported by SE). The Authority resolved to accord sanction to award the work of "AMRUT -2017-18 - Augmentation of Water Supply Scheme to Palakkad Municipality Phase III - Package II(Part-III)- Kalmadapam Zone- Supplying and Laying rider mains, providing water service connection" to the lowest tenderer Sri. Binu Mathew who quoted the lowest amount of Rs. 13,25,39,999/- which is 6.80% above the tendered PAC of Rs. 12,41,02,014/- and below the PAC based on LMR of Rs. 13,43,64,479/-.

The tendering authority shall prepare the billing/payment schedule as per the prevailing circular and incorporate all items included in the estimate as part of the same.

Item No. IV (3) AMRUT - Supplying, laying, testing and commissioning various diameter DI K9 pipe and PVC pipe for distribution network in Guruvayur Municipality

Res. No.10696 The Authority discussed the agenda in detail and noted that the subject tender is the first tender for the work. Two bidders submitted their offers and both prequalified. The lowest tenderer is M/s Lotus Engineering and Contractors Pvt Ltd., Kollam with the quoted amount of Rs. 9,87,40,000/- which is 7.03% below the tendered PAC of Rs 10,62,10,511/- based on DSR 2016 and 19.27% below the TPAC based on the LMR estimate amount of Rs 12,23,08,403/-. The Authority resolved to accord sanction to award the work "AMRUT 2017-18 -WSS Guruvayur Municipality in Thrissur District-Supplying, laying, testing and commissioning various diameter DIK9 pipe and PVC pipe for distribution network in Guruvayur Municipality" to the


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lowest tenderer M/s Lotus Engineering and Contractors Pvt Ltd., Kollam at their quoted amount of Rs. 9,87,40,000/- which is 7.03% below the tendered PAC of Rs 10,62,10,511/- based on DSR 2016 and 19.27% below the TPAC based on the LMR estimate amount of Rs 12,23,08,403/- with directions to include the item of tap connections and shifting of service connections in the billing/payment schedule to be executed as per the prevailing circular.

Item No. IV (4) AMRUT – Strengthening the existing Distribution System for Thrissur Corporation area (Phase-I) Replacement of old 80/100/125/200/300 mm AC pipes and 700 mm Premo pipes by supplying, laying, testing and commissioning 160 mm dia PVC pipes and 200/300/350/mm dia DI K9 pipes at various places in Thrissur Corporation

Res. No.10697 The Authority discussed the agenda in detail and noted that the subject tender is the first tender. Three bidders submitted their offers and all prequalified. The lowest tenderer is Sri. Shibu Zacharia, Alappuzha and his quoted amount is Rs. 7,94,00,000/- which is 3.68 % above Tendered PAC of Rs. 7,65,82,520/- based on DSR 2016 and 10.89% below the LMR estimate amount of Rs. 8,91,07 503/-. The Authority resolved to accord sanction to award the work of “AMRUT – Strengthening the existing Distribution System for Thrissur Corporation area (Phase- I) - Replacement of old 80/100/125/200/300 mm AC pipes by supplying, laying, testing and commissioning 160 mm dia PVC pipes and 200/300/350/mm dia DI K9 pipes at various places in Thrissur Corporation” to the lowest tenderer Sri. Shibu Zacharia, Alappuzha at his quoted amount of Rs. 7,94,00,000/-which is 3.68 % above Tendered PAC of Rs. 7,65,82,520/- based on DSR 2016 and 10.89% below the LMR estimate amount of Rs. 8,91,07 503/-.

The tendering authority shall prepare the billing/payment schedule as per the prevailing circular and incorporate all items included in the estimate as part of the same.


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Item No. IV (5) AMRUT(2016-17)- Strengthening Distribution System for Thrissur Corporation - Replacement of old 80/100/125/200/300mm AC pipes and 700mm premo pipes by supplying, laying, testing and commissioning 160mm dia PVC pipes and 200/300/350mm dia DI K9 pipes at various places in Thrissur Corporation

Res. No.10698 The Authority discussed the agenda in detail and noted that the subject tender is the first tender for the work wherein three bidders submitted their offers and only two prequalified. The lowest tenderer is Sri.David Mangan, Thrissur with the quoted amount of Rs. 8,44,56,000/-which is 9.80% above tendered PAC of Rs 7,69,18,071/- based on DSR 2016 and 8.64% below the TPAC based on the LMR estimate amount of Rs 9,24,47,827/-.

The Authority resolved to accord sanction to award the work of "AMRUT – Strengthening the existing Distribution System for Thrissur Corporation area - Replacement of old 80/100/125/200/300mm AC pipes by supplying, laying, testing and commissioning 160mm dia PVC pipes and 200/300/350mm dia DI K9 pipes at various places in Thrissur Corporation" to the lowest tenderer Sri.David Mangan, Thrissur at his quoted amount of Rs. 8,44,56,000/-which is 9.80% above tendered PAC of Rs 7,69,18,071/- based on DSR 2016 and 8.64% below the TPAC based on the LMR estimate amount of Rs 9,24,47,827/-

The tendering authority shall prepare the billing/payment schedule as per the prevailing circular and incorporate all items included in the estimate as part of the same.

Item No. IV (6) AMRUT – Augmentation & modernization of water supply distribution system in Alappuzha Municipality - Phase III - Providing new distribution system and connected works in Zone VI & IX -Tender

Res. No.10699 The Authority discussed the agenda in detail and noted that the subject tender is the first re-tender with Tendered PAC of


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Rs.33,90,47,584/- based on DSR 2016 (PRICE). Five bidders participated in the tender out of which two prequalified. The lowest rate is quoted by M/s ABG Engineering (India) Pvt. Ltd., for an amount of Rs. 34,92,00,000/- which is at 2.994% above the TPAC of Rs. 33,90,47,584/-. The TPAC based on LMR is reported as Rs. 37,08,57,855/-. The Authority discussed the agenda in detail and resolved to accord sanction to award the work **“Augmentation & modernization of water supply distribution system in Alappuzha Municipality - Phase III -Providing new distribution system and connected works in Zone VI & IX”** to the lowest bidder M/s ABG Engineering (India) Pvt. Ltd., at his quoted amount of Rs.34,92,00,000/- which is 2.994% above the TPAC of Rs. 33,90,47,584/- based on DSR 2016.

The tendering authority shall prepare the billing break up/ payment schedule as per the sanctioned estimate. The necessary resolution from the Municipal Authorities may be obtained before providing new street fountains.

Item No. IV (7) WSS to Erumely Panchayat in Kottayam District – Supplying, laying, testing, commissioning and maintenance of various size DI/PVC /GI pipes for laying distribution network from service reservoir at Karimkallummoozhy zone III (A)-Tender

Res. No.10700 The Authority discussed the agenda in detail and noted that the subject tender is the second re-tender with TPAC of Rs. 10,73,02,242/- based on DSR 2014. Two bidders participated in the tender and only one pre-qualified. Sri. Joseph John, Monippally House, Avoli P.O., Muvattupuzha has quoted the lowest amount of Rs.11,44,19,000/- which is 6.63% above the Tendered PAC amounting to Rs.10,73,02,242/- as per DSR 2014. The estimated amount based on LMR as sanctioned by CE amounts to Rs.13,27,35,389/- which is more than the lowest quoted amount. The Authority discussed the agenda in detail and being second retender resolved to accord sanction to award the work **“WSS to Erumely Panchayat in Kottayam District – Supplying, laying, testing, commissioning and maintenance**


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of various size DI/PVC /GI pipes for laying distribution network from service reservoir at Karimkallummoozhy zone III (A)" to the single qualified bidder Sri. Joseph John, Monippally House, Avoli P.O., Muvattupuzha, at the quoted amount of Rs.11,44,19,000/- which is 6.63% above the Tendered PAC of Rs.10,73,02,242/- as per DSR 2014.

The Tendering Authority should prepare a detailed billing /payment schedule as per NIT. For providing street taps, the necessary resolution from Panchayath authorities shall be obtained before installation of street taps.

Item No. IV (8) JICA assisted water supply project - Meenad and adjoining villages - Operation and Maintenance of intake well and pumping station at Tholikkode in Punalur Municipality and 73mld water treatment plant at Panamkuttymala for three years-Tender

Res. No.10701 The Authority discussed the agenda in detail. It is noted that the first tender for the subject work was cancelled because both the bidders were disqualified on the evaluation of the Technical bids. The first retender in which two bidders participated was also cancelled, as the lowest quoted amount was on the higher side (Rs. 804,74,759/-). The subject tender is the second retender for which two bidders submitted their offers and both prequalified. In the present tender, the lowest amount is seen quoted by M/s VA Tech Wabag LTD, Chennai for an amount of Rs 747,21,546.16/- for 3 years which is found to be 7.43% above TPAC Rs 695,56,476/- based on DSR 2016. Excluding provisional sum, TPAC based on DSR 2016 is Rs 53006472/- and LMR excluding provisional sum is Rs. 62920407/- and lowest quoted amount excluding provisional sum is Rs.58656547/-. As per the prevailing orders, the acceptable rate of subject tender is Rs. 58307119/- being the least among the lowest quoted amount (Rs. 58656547/-), LMR amount (Rs. 62920407/-) and 10% above DSR rate (Rs. 58307119/-) – all excluding provisional sum.


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The Authority discussed the agenda in detail and resolved to award the work "JICA assisted water supply project - Meenad and adjoining villages - Operation and Maintenance of intake well and pumping station at Tholikkode in Punalur Municipality and 73mld water treatment plant at Panamkuttymala for three years" to the lowest tenderer M/s. VA Tech WABAG Ltd, Chennai at Rs. 583,07,119/- which is 10% above the revised tendered PAC of Rs. 530,06,472/- (excluding provisional sum) based on DSR 2016 with the following directions.

1. Transportation of filled chlorine cylinders back to WTP from TCC shall also be included in the scope of work/BoQ.
2. Tendering authority should ensure that the validity of the Power of Attorney is up to the date of completion of work.
3. The Provisional sum for each year shall be limited to Rs. 2,000,000/- (Rupees Twenty Lakhs only).

Item No. V (1) JICA Assisted Kerala Water Supply Project – Kozhikode city and adjoining Panchayath – Package 1– Intake and Water Treatment Plant - Time Extension

Deferred

Item No. V (2) JICA Assisted Kerala Water Supply Project – Kozhikode City and adjoining Panchayaths - Package 2A & 2B – Transmission Main Works – Extension of Time of Completion

Deferred

Item No. V (3) JICA Assisted Kerala Water Supply Project – Package V – Rehabilitation of existing Water Supply Scheme of Kozhikode City Region – Extension of Time of Completion

Deferred


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Item No. V (4) ADB assisted Kerala Urban Water Supply Improvement Project – Formation of PMU and PIU for the Project

Deferred

Item No. VI (1) Kerala Water Authority- Appointment of Project Engineers on Contract Basis

Deferred

Item No. VI (2) Kerala Water Authority – Estt - Compassionate Employment Scheme

Deferred

Item No. VII (1) തൃക്കാക്കര മുനിസിപ്പാലിറ്റിയുടെ കീഴിൽ വരുന്ന പൈപ്പ് ലൈൻ റോഡ് ടാർ ചെയ്യുന്നതിനുള്ള അനുമതി നൽകുന്നത് സംബന്ധിച്ച്.

Deferred

Item No. VII (2) കളമശ്ശേരി നഗര സഭയുടെ 27, 28 വാർഡുകൾ ഉൾപ്പെട്ട കേരള വാട്ടർ അതോറിറ്റിയുടെ കീഴിൽ വരുന്ന പൈപ്പ് ലൈൻ റോഡ് കട്ട വിരിച്ച് സഞ്ചാര യോഗ്യമാക്കുന്നതിനുള്ള അനുമതി - സംബന്ധിച്ച്

Deferred

Item No. VII (3) കോഴിക്കോട് കോർപ്പറേഷൻ പരിധിയിലുള്ള 29 മത് വാർഡിലെ പൊറ്റമ്മൽ ന്യൂ വാട്ടർ ടാങ്കിന്റെ മതിൽ പൊളിച്ച് വഴി നൽകുന്നത് - സംബന്ധിച്ച്

Deferred

Item No. VII (4) അരുർ ഗ്രാമപഞ്ചായത്ത് - വാട്ടർ അതോറിറ്റി വക 20 മത് വാർഡിലെ സ്ഥലം വിട്ടുനൽകുന്നത് - സംബന്ധിച്ച്.

Deferred

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- Item No. VII (5)* Proposal for co-sponsorship by KWA for National seminar jointly organized by Central Water Commission & Central Ground Water Board and Pampa Punarjani

Deferred

- Item No. VIII (1)* WSS to Koyilandy Municipality and adjoining Panchayaths phase-I- Package-I(WRD-002-07) Supplying, laying, testing and commissioning of clear gravity main and renovation of existing GL service Reservoir

Res. No.10702 As per the Resolution No.10521, it was decided to accord sanction to the subject work to the lowest tenderer M/s. Reena Engineers & Contractors Pvt. Ltd., at Rs.25,33,55,261/- which is 19.16% below the tendered PAC of Rs.31,34,17,566/- based on DSR 2014 by limiting the amount for Item No. 2.05 in Appendix-B:- Construction of retaining wall to Rs.2,97,000/-. It was also resolved that if the bidder does not agree, the work shall be retendered.

But the contractor represented to review the decision of the KWA Board. Accordingly, the 395th Kerala Water Authority Board discussed the matter and decided to review the earlier decision and vide Resolution No.10570 resolved to accord sanction to award the work to the lowest tenderer M/s. Reena Engineers & Contractors Pvt. Ltd., at their initial quoted amount of Rs. 26,78,08,261/- which is 14.55% below the tendered PAC of Rs.31,34,17,566/-based on DSR 2014 subject to the condition that the payment schedule will be reworked to even out any unbalanced quotes so as to make progressive payments based on the estimate and the quoted overall percentage below rate without exceeding individual quoted rates.

In the meantime, the firm period of the offer was over and the contractor had requested KWA to release his EMD. But now the Contractor has submitted a letter to the Managing Director expressing his willingness to accept the revised work order and also agreed to extend the firm period till


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30-06-2018 with certain conditions.

The conditions put forth by the contractor were discussed and the Authority resolved to award the work as per its earlier resolution and the following additional conditions.

1. The security deposit to be paid shall be as per the tender conditions.
2. Additional Performance guarantee in the form of Bank Guarantee will be submitted on or before submitting the first RA Bill.
3. Impact of GST will be considered as per Circular No.0023/2011/Dy.AM/FIN/KWA dated 10/08/2017.

Item No. VIII (2) Advocate Fee - Adv. P.A. Augustine- for conducting cases before Hon'ble Debts Recovery Tribunal, Ernakulam

Res. No.10703 The Authority discussed the agenda in detail and resolved to sanction Rs.8000/- (Rupees Eight Thousand only) to Adv.P.A.Augustine Standing Counsel as advocate fee for appearing in TA-756/2016 before the Debts Recovery Tribunal, Ernakulam.

Item No. VIII (3) Status of Implementation of NRDWP Projects

Deferred

Item No. VIII (4) വാട്ടർ കണക്ഷൻ നടപടിക്രമങ്ങൾ ലഘൂകരിക്കുകയും ഓൺലൈൻ ആക്കുന്നത് സംബന്ധിച്ച്.

Deferred

Item No. VIII (5) Modification to the Notice Inviting Tender (NIT) - Pre Qualification Criteria for past experience

Res. No.10704 The Authority discussed the agenda in detail. It is observed that there are ambiguities in the existing standard bidding document (Mother NIT). It is reported that with the intention of improving the objectivity and transparency a number of workshops and


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discussions were held with senior officers. These suggestions were placed before the HLC. Now the recommendations of the HLC are placed before the Authority for approval. The Authority discussed the subject matter in detail and resolved to approve the following based on the recommendation of the High Level Committee :

1. No experience is insisted for any component of the work costing less than 10% of the tendered PAC.
2. A bidder who has lagged in two or more works, in the past five years, for which Liquidated Damage was imposed, shall not be considered for pre-qualification. Contractor shall submit an undertaking stating the details of delayed works if any, clearly certifying that he has not delayed two or more works, for which Liquidated Damages (LD) has been imposed in the past five years.
3. For any specialized nature of work (like SCADA/ Telemetry/HDD/Micro tunneling/Smart Meter, etc.) which is not covered under the qualification requirement, to ensure quality and better competition in tendering, the Tender Inviting Authority can stipulate qualification requirement with the written approval of the concerned Chief Engineer.
4. Experience of a joint venture does not pre-qualify any of its partners individually. In the case of dissolution of JV, a partner can claim experience only for that part of the scope of work for which he was responsible as a partner in the JV, as certified by the agreement authority.
5. The lower limit of Prequalification tender for all works [except Water Treatment Plant and Sewage Treatment Plant] is raised to Rupees five crores.
6. Modified Prequalification criteria (Sl. No. 1 to 14) for past experience as detailed below and other modifications in NIT shall be adopted in all future tenders.


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**MODIFIED PRE QUALIFICATION CRITERIA OF PAST EXPERIENCE FOR
THE WORKS ABOVE Rs.5 CRORES**

Sl No.	Component	Existing Clause in Mother NIT	Modified Clause
1	Construction of Civil Structures [Except Water Treatment Plant(WTP) and Sewage Treatment Plant (STP)]	It is necessary that the tenderer has executed (commenced and completed) similar type of projects in the past eight years. The experience of carrying out 50% the size/ capacity of the present is required for his sole/partner of the tenderer /firm.	<p>(a) Must have executed a single work (which can be any RCC structure like Overhead Water Tank, Ground Level Tank, Sump, /Weir /Intake well/ Framed RCC Buildings/Stadium, Godowns, Subways, Tunnels, Underpass, Warf, Jetty, /Bridges/ Aqueduct /Culvert /Retaining wall /Water Treatment Plant /Sewage Treatment Plant, etc.) worth minimum 40% of the tendered PAC for his sole/ Joint Venture / Partner of the Joint Venture within the last five years.</p> <p>Annual escalation @ 5% will be allowed for the cost of works completed in the previous years.</p> <p>(b) No experience is required for components in the scope of work of projects costing less than 10% of the estimated PAC.</p>
2	Water Treatment Plant (WTP) up to 5mld output capacity.	For WTP works, it is necessary that the tenderer has executed Water Treatment Plant (commenced and completed) in the past 10 years. The experience of carrying	Must have constructed a Water Treatment Plant in the past with any technology for a minimum of 1mld output capacity for his sole/ Joint Venture /Partner of the Joint Venture.

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		out of 40% of net output capacity of present is required for his sole/partner of the tenderer /firm.	
3	Water Treatment Plant (WTP) above 5mld output capacity	The experience of carrying out 40% of net output capacity of present is required for his sole/partner of the tenderer/firm. For WTP with more than 100 mld capacity, executed experience of 40 mld net output capacity WTP (commenced and completed) in the past 10 years is enough for his sole/partner of the tenderer/firm.	Must have constructed a Water Treatment Plant in the past with any technology for a minimum of 40% output capacity subject to a maximum of 40 mld for his sole/ Joint Venture /Partner of the Joint Venture.
4	Water Treatment Plants with modern technology (except Conventional Filters, Lamella, Plate settler, Tube settler)	In the case of treatment plants with innovative technology, the qualifying experience shall be the experience in construction of plant with similar innovative technology of minimum 10 mld of net output capacity of proposed treatment plant, in addition to the experience as per clause above in conventional filters for his sole/partner of the tenderer/firm.	(a) Must have constructed a Water Treatment Plant in the past with any technology for a minimum of 40% output capacity subject to a maximum of 40 mld for his sole/ Joint Venture /Partner of the Joint Venture. (b) In addition to the above, must have constructed a Water Treatment Plant in the past with similar technology for a minimum of 10% output capacity of the proposed treatment plant for his sole/Joint Venture /Partner of the Joint Venture. (If the bidder has 40% experience in the same innovative technology, no further experience in conventional technology is required)


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5	(a) Rehabilitation works of Water Treatment Plant	No clause in the existing NIT	(a) Must have constructed/rehabilitated Water Treatment Plant in the past with similar technology for a minimum of 25% output capacity for his sole/ Joint Venture /Partner of the Joint Venture.
	(b) O&M works of Water Treatment Plant	No clause in the existing NIT	(b) Must have constructed/rehabilitated/ operated and maintained Water Treatment Plant in the past with similar technology for a minimum of 25% output capacity for his sole/ Joint Venture /Partner of the Joint Venture
6	Sewage Treatment Plant up to 5mld capacity	No clause in the existing NIT	Must have constructed a Sewage Treatment Plant in the past with any technology for a minimum of 0.5mld capacity for his sole/ Joint Venture /Partner of the Joint Venture. Experience certificate issued by the agreement executing authority of registered private firms will also be considered
7	Sewage Treatment Plant of capacity above 5mld	No clause in the existing NIT	Must have constructed a Sewage Treatment Plant in the past with any technology for a minimum of 10% capacity for his sole/ Joint Venture /Partner of the Joint Venture. Experience certificate issued by agreement executing authority of registered private firms will also be considered.
8	Supplying and laying of Water Supply pipes up to and	For pipe laying works of any type of pipes of diameter up to 400mm, except MS pipes and	For pipe laying works of any type of pipe of diameter up to 400mm, no experience will be insisted upon.


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	including 400mm diameter pipes of any material.	HDPE pipes, no experience will be insisted. In the case of MS pipe laying works, the tenderer shall possess the experience of laying MS pipes of any diameter for a minimum length of 25 % of the tendered quantity, to be considered for experience. In the case of HDPE pipelines, the tenderer or his partner shall possess the experience of laying HDPE pipes of length not less than 100m.	
9	Supplying and laying of Water Supply pipes above 400mm and up to and including 800mm diameter pipes of any material.	In respect of pipeline works, the tenderer should have experience in pipeline execution works of diameter not less than half the largest diameter of pipes envisaged in this tender in the case of pipelines of diameter larger than 400 mm. A minimum length of 25% of the tendered quantity should have been laid for pre-qualification. "If the tenderer has experience in supplying and laying pipes of same or higher diameter, the minimum length as specified above shall be 12.50% of the tendered quantity". If the length of the pipeline laid in any single work is less than 500 meters, such works will not be considered for experience.	(a) Experience will be insisted with respect to the highest diameter of the pipe in the scope of the work, irrespective of its length in the scope of work, but subject to the general condition that no experience is required for components costing less than 10% of the estimated PAC (b) Subject to the criterion (a) above, for works with the total length of laying greater than 1000m - Must have supplied and laid a total of 1000m of 300mm or higher sized pipes of any material in the past in a single work for his sole/Joint Venture/Partner of the joint venture. (c) Subject to the criterion (a) above, for works where the total length of pipeline is less than or equal to 1000m, the experience in supplying & laying of 500m of 300mm or higher sized

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			pipes of any material in the past in a single work for his sole/Joint Venture/Partner of joint venture is enough.
10	Supplying and laying of Water Supply pipes above 800mm diameter of any material.	In respect of pipeline works, the tenderer should have experience in pipeline execution works of diameter not less than half the largest diameter of pipes envisaged in this tender in the case of pipelines of diameter larger than 400 mm. A minimum length of 25% of the tendered quantity should have been laid for pre-qualification. "If the tenderer has experience in supplying and laying pipes of same or higher diameter, the minimum length as specified above shall be 12.50% of the tendered quantity". If the length of the pipeline laid in any single work is less than 500 meters, such works will not be considered for experience.	(a) Experience will be insisted with respect to the highest diameter of the pipe in the scope of the work, irrespective of its length in the scope of work, but subject to the general condition that no experience is required for components costing less than 10% of the estimated PAC (b) Subject to the criterion (a) above, for works with the total length of laying greater than 1000m - Must have supplied and laid a total of 1000m of 500mm or higher sized pipes of any material in the past in a single work for his sole/Joint venture /Partner of the joint venture. (c) Subject to the criterion (a) above, for works where the total length of pipeline to be laid is less than or equal to 1000m the experience in supplying & laying of 500m of 500mm or higher sized pipes of any material in the past in a single work for his sole/Joint Venture / Partner of joint venture is enough.
11	Supply and installation of Pumps & Motors, Transformer, and other electrical equipment.	The experience of carrying out 50% the size/ capacity of the present is required for his sole/partner of the tenderer/firm.	MoU with Manufacturer/ Authorised Dealer and a MoU with 'A' Class electrical licensee is required.


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12	Supplying and laying of sewerage pipes upto and including 400mm diameter pipes of any materials	No clause in the existing NIT	The Tender Inviting Authority shall fix the experience with the approval of the Technical Sanction Issuing Authority based on the requirements and local conditions so as to ensure competence.
13	Supplying and laying of sewerage pipes above 400mm and up to and including 800mm diameter pipes of any material.	No clause in the existing NIT	The Tender Inviting Authority shall fix the experience with the approval of the Technical Sanction Issuing Authority based on the requirements and local conditions so as to ensure competence.
14	Supplying and laying of sewerage pipes above 800mm diameter of any material.	No clause in the existing NIT	The Tender Inviting Authority shall fix the experience with the approval of the Technical Sanction Issuing Authority based on the requirements and local conditions so as to ensure competence.

Item No. VIII (6) AMRUT –2017-18- Water Supply projects Kannur Corporation- Rehabilitation of existing old distribution networks, valves, house service connections and interconnection with existing lines of Elayavoor Zone - Board Resolution-Submitting reasons for disqualification of L1 tender

Deferred

Item No. VIII (7) Agenda Notes on Tender processing responsibilities

Deferred


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Item No. VIII (8) KWA – Estt – Formation of Project Sub Division under Project Division Kottayam

Deferred

General Item No.1
Res No. 10705

During the discussions on the Budget proposal for 2018-19, it is noted that the estimated revenue deficit is Rs.424.66 Crores. Power charges amount to Rs.276.86 Crores. At present, the Authority is procuring power at the rate of Rs.5.50/KWh. Solar power is much cheaper. It is pertinent that a lot of unutilized land is available with KWA. This space can be effectively utilized for tapping solar power. After detailed discussion, the Authority directed to assess the feasibility of tapping solar power. The Authority resolved to conduct a study on the possibility of generating solar power so as to reduce expenditure on the energy charges. A report on the same shall be placed before the Authority within a period of three months ie., by 13th of September, 2018.


Secretary


Managing Director


Chairman