

Minutes of the 335th meeting of KWA held on 23/03/2010 at 02.00 p.m. in the Conference Hall, Kerala Water Authority, Thiruvananthapuram.

Members Present:

1. Dr. A. Jayathilak, IAS	Chairman
2. Sri. S. M. Vijayanand, IAS	Member (Ex-Officio)
3. Sri. Illickal Augusty	Member
4. Sri. C. Ravindran	Member
5. Sri. M. S. Gopakumar	Member
6. Smt. Susan Jacob	Managing Director
7. Sri. T. P. Mohanlal	Technical Member
8. Sri. S. Sunil Raj, IA&AS	Accounts Member

Item No. I (1) Confirmation of the Minutes of the 334th Meeting held on 25/02/2010

The Authority confirmed the minutes of the 334th meeting held on 25/02/2010 with the following modification on the following items.

Item no. III(1) and III(2) the decision shall be read as “**Deferred**” instead of existing entries.

Item No. I (2) Review of Action Taken in the previous meetings

The Authority noted the Action Taken Report placed before it.

1. BAWSS to Kundara and adjoining villages

The Managing Director informed the Authority that the revised estimate was placed in the 334th meeting wherein it was directed to submit the details of payments made and identity of the officers who prepared the original estimate. These details are being collected from the Chief Engineer (SR) and will be presented before the Authority without delay.

2. Revised Estimate for the work of construction of 4 Nos. clarifilter at Thirumala under Interim Augmentation of WSS of Thirumala zone – Approval

The Managing Director informed that the details requested by the Authority are yet to be received from the Chief Engineer (SR). The Authority summoned the Deputy Chief Engineer (SR) and the Executive Engineer, PH Division Thiruvananthapuram and enquired about the reasons for not making available the details called for. The Executive Engineer, PH Division, Thiruvananthapuram

informed that the particular file of the Division pertaining to this work which was forwarded to the Superintending Engineer's Office is seen not delivered there and at present the file is not traceable. Hence he could not forward the details called for. He further informed the Authority that he will once more search for the file and submit a report within a fortnight. The Authority directed the Executive Engineer to submit the report as agreed along with the date on which the file was transmitted to the Circle Office with the incumbency details of the concerned officers and further directed the Managing Director to place the item in the next meeting. .

3. *Review of Billing and Collection for the month of July 2009*

The Authority noted that the proposal for giving incentive to meter readers for achieving 100% billing and collection within a specific period is yet to be placed before it. The Accounts Member informed that 100% billing and its 100% collection with in a specific period is impossible. The Authority after discussions directed the Managing Director to propose a feasible comprehensive proposal in the next meeting for consideration.

4. *Proposal for technically pre-qualifying contractors.*

The Managing Director informed that a technical committee under the Technical Member has been constituted for pre-qualifying contractors for different type of work considering the nature of work and the level of contract required for each work. The Technical Member informed the Authority that he will complete the work assigned to him in one month's time and that the proposal will be presented in the next meeting for its consideration.

5. *In-house training calendar during the year 2010-11*

The Managing Director informed the Authority that KWA is regularly conducting in-house training classes for the employees of KWA for both new recruits as well as serving employees. The training calendar is prepared and approved by the training advisory committee with Technical Member as Chairman. The Authority directed the Managing Director to place the approved training calendar for the year 2010-11 in the next meeting for its information.

6. *Administrative Report for the year 2005-06*

The Authority noted the report and directed the Managing Director to prepare and present the administrative report

for the year 2009-2010 ignoring all the previous pending ones. The details required for preparing the administrative report are to be made available to the concerned section by 30/04/2010 and the report submitted to the Authority by May 15.

7. Setting up of PVC manufacturing unit of Chavara

The Managing Director informed that the draft NIT for obtaining tenders for setting up of the factory has been prepared and placed before the Tender Committee for approval. It is expected that the tenders can be obtained during April 2010 and can be placed in the Authority Meeting during May 2010.

8. ARWSS to Ottasekharamangalam and adjoining villages in Thiruvananthapuram District, Phase I, Dismantling damaged pipe and supplying and relaying pipes from Kalippara to Ulattimoodu in the test failed reach – Tender

The Managing Director informed the Authority that recast estimate is yet to be received from the Chief Engineer (SR). The Authority directed the Managing Director to issue orders as resolved before the end of this month itself.

9. Estt - Medical Reimbursement – Medical attendance rules for Employees of KWA

The Managing Director informed that a draft rule has been prepared and this will be discussed with the representatives of different trade unions of the employees of KWA. Once it is finalized the same will be placed before the Authority for recommending to Government. The Authority directed the Managing Director to see that the draft rule is placed in the Authority meeting of May 2010 for its consideration.

Item No. I (2.1) ARWSS to Veliyannur and adjoining villages Phase III

Noted.

Item No. I (2.2) Major Schemes targeted to be commissioned in the next two years

The Authority observed that some major projects like WSS to Anjarakandy and adjoining Panchayats taken up with NABARD assistance, the work of which is in good progress and expected to be commissioned during 2010-11 are not reflected in the statement attached. Hence the Authority directed the Managing Director to review the list and present the correct list of major schemes targeted for completion in the next two years for its information.

Item No. I (2.3) NABARD assisted Water Supply Scheme to Azhikkode Panchayath – Breakage of pipe

The Authority noted the action taken report presented before it. The Managing Director informed that the defective pipes have since been replaced and tested. The main problem now is inadequacy of water for supplying in the area. The water to be supplied has to be brought from the Kannur Water Supply Scheme. The main line conveying water for Kannur WSS has to be replaced in between Veliyambara and Kannur. Due to leakage there is interruption in pumping on almost all days. Because of this water could not be spared from Kannur WSS to Azhikkode WSS. Sufficient water can be made available for supply to Azhikkode area only after replacing the defective pipes. The Authority after discussion directed the Managing Director take steps to replace these defective pipes and provide potable water at Azhikkode. The Authority further directed the Managing Director to explore the possibility of providing water through pipeline atleast once in a week for some hours till the rectification is completed to overcome the present drought situation.

Item No. I (2.4) Estt. - Relinquishment of promotion of Part time Sweepers as Full-time Sweepers

Noted

Item No. I (2.5) Handing over of Single Grama Panchayat

The Authority after discussions directed the Managing Director to address Government to convene a High Level meeting at the Government level to sort out the issue with the local bodies.

Item No. I (2.6) Critical Study of Reasons Attributing the tenderers quoting high rates.

The Managing Director informed that a technical committee under the Technical Member has been constituted for pre-qualifying contractors for different type of work considering the nature of work and the level of contract required for each work. The Technical Member informed the Authority that he will complete the work assigned to him in one month's time and that the proposal will be presented in the next meeting for its consideration

Item No. I (2.7) JICA - ATR on Item No. I (3) of 328th meeting

Noted

- Item No. I (2.8)* *JICA - ATR on Item No. I (3) of 329th meeting*
Noted.
- Item No. I (2.9)* *ATR - Item No. I (2) of 329th meeting*
1. Noted.
2. Noted.
- Res. No. 8462** 3. Er. Rajagopal, Assistant Executive Engineer, PH Sub. Dn. Perinthalmanna presented the software developed by him for preparing various estimates relating to pipe laying works for the information of the Authority. The Managing Director informed that the program has been verified and found suitable for adoption in KWA. The Authority discussed various aspects and **resolved to approve the software to be adopted in KWA in principle and directed the Managing Director to implement the same on pilot basis and asked Er. Rajagopal to implement the same in his Sub Division and submit the suitability report.**
- Res. No. 8463** Er. P. N. Swaminathan, Technical Assistant, PH Division, Pathanamthitta presented a software developed by him for estimation as well as design of treatment plants of various capacities. The Managing Director informed that at present the estimates are prepared based on a thumb rule and the estimates thus prepared need not be realistic. The Authority after considering in detail the various aspects presented before it **resolved to adopt the software in KWA in principle and directed the Managing Director to implement the same in one or two sites on pilot basis.**
4. Noted.
5. Noted.
- Item No. I (2.10)* *ATR - Item No. II (1) of 329th meeting*
Noted.
- Item No. I (2.11)* *ATR - Item No. IV (1) of 330th meeting*
Noted.
- Item No. I (2.12)* *JICA - ATR on Item No. I (3) of 331st meeting*
Noted.
- Item No. I (2.13)* *JICA - ATR on Item No. III (2) of 331st meeting*
Noted.

- Item No. I (2.14)* *ATR - Item No. II (1) of 332nd meeting*
Noted.
- Item No. I (2.15)* *JICA - ATR on Item No. II (2) of 332nd meeting*
Noted.
- Item No. I (2.16)* *JICA - ATR on Item No. III (3) of 332nd meeting*
Noted.
- Item No. I (2.17)* *ATR on Item No. I (2) of 333rd meeting*
Noted.
- Item No. I (3)* *Status of Pending Tenders*

The Authority reviewed the list of pending tenders at various offices and informed that this list shall be considered as the final list.
- Item No. I (4)* *Progress of Works of schemes under JNNURM and UIDSSMT*

Noted.
- Item No. I (5)* *UIDSSMT – Augmentation of Urban Water Supply Scheme to Alappuzha Municipality – Revised Project Report*

The Authority noted the item in detail and after discussion directed the Managing Director to place point wise clarifications for its information in the next meeting.
- Item No. II (1)* *Cash Flow Statement for the period 01/04/2009 to 31/01/2010*

Noted.
- Item No. II (2)* *Mavelikkara Municipality – dispute on water charges*
- Res. No. 8464** The Authority discussed the item in detail and considering the directions and decision of the Government **resolved to inform the Government the willingness of the Authority to waive the fine amount of Rs. 87,389/-, pertaining to the casual connection taken for the construction of bus stand cum shopping complex, from the dues of the Municipality.**
- Item No. III (1)* *SPAN – WSS to Oorakam and adjoining villages – Package II Supplying, laying, testing and commissioning of Pumping mains and Distribution mains - Tender*

- Res. No. 8465** The Authority discussed the tender and resolved to award the work of SPAN – WSS to Oorakam and adjoining villages – Package II – Supplying, laying, testing and commissioning of Pumping mains and Distribution mains to Sri.K.Kannan, Kannur at his reduced quoted amount of Rs.2,76,94,942/- which is at an overall excess of 26.64% above estimate PAC of Rs.2,18,69,000/- (excluding KCWWF, WCT, CP etc).
- Item No. III (2)* *ARWSS to Pattambi – Design and construction of 2.5 mld Water Treatment Plant at PWD Rest House Compound, Pattambi - Tender*
- Res. No. 8466** The Authority after dicussions resolved to award the subject work of Design and construction of 2.5mld Water Treatment Plant at PWD Rest House compound, Pattambi for the ARWSS to Pattambi, to Sri.T.Mohammed Ali at his reduced quoted amount of Rs.1,26,70,000/- which is at an overall excess of 40% above the estimate PAC of Rs.90,50,000/- if he agrees to take up the work otherwise to re-tender the same after revising the estimate if required.
- Item No. III (3)* *WSS to Krishnagiri, Purakkadi and Ambalavayal Villages – Laying CWPM 200mm DI K9 Pipe from Treatment Plant to existing GLSR at Ambalavayal - Tender*
- Res. No. 8467** The Authority discussed the tender and resolved to award the work – WSS to Krishnagiri, Purakkadi and Ambalavayal Villages – Laying CWPM 200mm DI K9 Pipe from Treatment Plant to existing GLSR at Ambalavayal to the lowest tenderer Sri.K.K.Surendran, Kannur at his reduced quoted amount of Rs.2,21,44,740/- which is at an overall excess of 30% above the estimate PAC of Rs.1,70,34,415/-.
- Item No. III (4)* *ARWSS to Angadippuram and adjoining villages Phase III – Laying 250mm DI K9 pipe instead of 250mm CI Class-B Clear Water Gravity Main from GLSR at Cherkkaraparamba - Tender*
- Res. No. 8468** The Authority considered the tender in detail and resolved to award the work of “Laying 250mm DI K9 pipe instead of 250mm CI Class-B Clear Water Gravity Main from GLSR at Cherkkaraparamba of the scheme -ARWSS to

Angadippuram and adjoining villages Phase III- to the single tenderer M/s Cochin Steel Industrial Complex, Aluva at their reduced quoted amount of Rs. 2,88,60,000/- which works out to 30% above Tendered PAC of Rs. 2,22,00,000/-.

Item No. III (5) Guruvayur Drainage Scheme – Supplying and Laying PVC sewerage net work after constructing RCC manholes at the required levels for maintaining the slope required for the sewage flow - Supplying, laying, testing and commissioning of 110 mm to 315 mm PVC sewer pipe – Approximate length 11100m–E-tender-Prequalification

Res. No. 8469 The Authority discussed the item in detail and resolved to **pre-qualify the single tenderer Sri.K.Kannan for the work of Supplying and Laying PVC sewerage net work after constructing RCC manholes at the required levels for maintaining the slope required for the sewage flow supplying, laying, testing and commissioning of 110 mm to 315 mm PVC sewer pipe – Approximate length 11100m for Guruvayur Drainage Scheme.**

The Authority directed the Managing Director to submit the tenders in the next Authority meeting itself for its consideration as the work is being closely monitored by the Hon. High Court of Kerala.

Item No. III (6) Guruvayoor Drainage Scheme – Laying PVC Sewer Lines – Supplying and Laying Proposal Sanction – Ratification

Res. No. 8470 The Authority resolved to ratify the action of the Chief Engineer (CR) in having approved the supplying and laying proposal for the work of “Guruvayoor Drainage Scheme – Supplying and Laying various sizes of PVC sewer lines for Drainage net work” for an amount of **Rs.6,19,43,000/-.**

Item No. III (7) GIDA - Improvements of WSS to Elamkunnappuzha, Njarakkal and Nayarambalam Panchayats – Supplying and laying – Zone IB – Distribution System - Tender

Res. No. 8471 The Authority discussed the item and resolved to award the work “GIDA Improvements of WSS to Elamkunnappuzha, Njarakkal and Nayarambalam Panchayats – Supplying and laying – Zone IB – Distribution System – reg:-” to the lowest tenderer Sri.N.V. Paoulose at his quoted amount of **Rs. 1,63,41,309/-** which works out to 35% above the TPAC of **Rs.1,21,04,673/-.**

Item No. III (8)

Deposit work- GIDA – Improvements of WSS at Elamkunnappuzha, Njarakkal and Nayarambalam Panchayats- supplying and laying pumping main for zone 1 and distribution systems in Zone 1 A,1B and 1C- Supplying and laying sanctioned - Ratification

Res. No. 8472

The Authority after discussions resolved to ratify the action of the Chief Engineer (CR) in approving the following works under supplying and laying basis in anticipation of formal approval from the competent authority considering the urgency in arranging the work as a special case and being GIDA deposit work

Sl. No.	Name of work	Amount for Supplying & Laying sanction. (Rs.)	Amount for estimate sanction. (Rs.)
1.	Pumping main in Zone I and distribution system in Zone IA through KSTP/V.P.Road,	2,17,27,263	2,26,00,000/-
2.	Distribution system through branch road in zone 1A	61,76,382/-	63,65,313/-
3.	Distribution system through branch road in zone 1B	1,16,87,017/-	1,21,50,000/-
4.	Distribution system in zone 1C through KSTP and branch roads.	2,82,74,609/-	2,94,50,000/-

Item No. III (9)

SAARK- Abnormal turbidity in Periyar River – Rehabilitation of filter media at Head Works, Aluva- Removing filter media from 5 Nos. filter beds in Treatment Plant No. III at HW, Aluva and repacking with available / new filter media – Tender

Res. No. 8473

The Authority after discussions resolved to award the work “SAARK- Abnormal turbidity in Periyar River – Rehabilitation of filter media at Head Works, Aluva- Removing filter media from 5 Nos. filter beds in Treatment Plant No. III at HW, Aluva and repacking with available / new filter media” to the lowest tenderer Sri. Jacob Varghese at Rs. 33,47,268/-, which works out to 50% above PAC of Rs.22,31,512/-.

Item No. III (10)

CARWSS to Mulavoor, Assamanoor, Eramalloor and Thrikkariyoor (part) villages- supplying and laying raw water pumping main of length 3615m with 300 mm DI(K9) pipe from raw water pump house at Fresh Cola Kadavu to treatment plant at Mulavoor Nirappu- Tender

- Res. No. 8474** The Authority resolved to award the work -" CARWSS to Mulavoor, Assamannoor, Eramalloor and Thrikkariyoor (part) villages- supplying and laying raw water pumping main of length 3615m with 300 mm DI(K9) pipe from raw water pump house at Fresh Cola Kadavu to treatment plant at Mulavoor Nirappu- to the lowest tenderer M/s India Tech Constructions at their quoted rate of Rs. 144,44,495/-, which works out to 8.63% above TPAC of Rs. 132,96,938/- which include road restoration charges, work contract tax, KCCWF etc.
- Item No. III (11)* *ARWSS to Thalayazham and adjoining villages – Supplying and Laying, 500 mm DI K9 (3630 m) Clear Water pumping main from Plavumchuvadu junction to OH Tank at Thalayolaparambu, DB College compound - Tender*
- Res. No. 8475** The Authority resolved to award the work "ARWSS to Thalayazham and adjoining villages – Supplying and Laying, 500 mm DI K9 (3630 m) Clear Water pumping main from Plavumchuvadu junction to OH Tank at Thalayolaparambu, DB College compound “ to the lowest tenderer Sri. Thomas. K. Paul at his negotiated quoted rate of Rs. 377,99,526/- which comes to about 33.21% over the TPAC of Rs. 283,75,520/-.
- Item No. III (12)* *NC/PC – RWSS to Varappetty- Supplying, Laying, 250 mm DI K9 Clear Water pumping main of length 6722 m - Tender*
- Res. No. 8476** The Authority resolved to award the work -" NC/PC – RWSS to Varappetty- Supplying, Laying, 250 mm DI K9 Clear Water pumping main of length 6722 m” to the lowest tenderer Sri. Raju. K. Abraham at his negotiated quoted rate of Rs. 228,77,798/- which works out to about 35% over the TPAC of Rs. 169,46,517/-
- Item No. III (13)* *Special NABARD assistance for rural water supply scheme - WSS to Alakkode, Udumbanoor, Karimanoor, Neyyassery and Kodikulam Villages - Supplying, laying, testing and commissioning Raw water pumping main of 400 mm DI K9 pipe from Raw water pump house at Kolapra to the Treatment plant at Thalayanadu and 400 mm DI K9 Clear Water Pumping Main from the sump at Inchiyani to sump at Chilavu - Tender*

Res. No. 8477 The Authority resolved to award the work “SPAN - Special NABARD assistance for rural water supply scheme -WSS to Alakkode, Udumbanoor, Karimanoor, Neyyassery and Kodikulam villages. Supplying, laying, testing and commissioning Raw water pumping main of 400 mm DI K9 pipe from Raw water pump house at Kolapra to the Treatment plant at Thalayanadu and 400 mm DI K9 Clear Water Pumping Main from the sump at Inchiyani to sump at Chilavu” to the lowest offer of Sri. K.O. Jose at his quoted rate of Rs. 402,30,485/- which works out to about 23.52% over the TPAC of Rs. 325,70,621/-

Item No. III (14) *SPAN -RWSS to Kunnathukal – Design, construction and commissioning of 5.50MLD capacity treatment plant at Manavari and sump of capacity 1.5 lakh litre capacity near treatment plant, construction of approach road and compound wall - Tender*

Res. No. 8478 The Authority discussed the agenda in detail. It is noted that the lowest tenderer had offered an amount which was 57% in his tender which was subsequently reduced to Rs. 440 lakhs which was 49.66%. But this rate also seems to be on the higher side. Even though the contractor was further negotiated, he was not willing to reduce the quoted amount. The reason stated for not reducing the amount is that the site is located at a steep terrain and the road accessibility is poor. Moreover the rate of materials and labour are high. However the Authority is not convinced to their arguments. Hence the Chief Engineer (SR) was called in and enquired about the provisions given in the estimate. The Chief Engineer (SR) informed the Authority that estimate has been prepared considering the actual site conditions and hence it is reasonable if the works can be awarded at a cost which is 40% above the tendered PAC. The Authority after detailed evaluation and discussions resolved to accord sanction to award the work of RWSS to Kunnathukal – Design, construction and commissioning of 5.50 MLD capacity treatment plant at Manavari and sump of capacity 1.5 lakh litre capacity near treatment plant, construction of approach road and compound wall to the lowest tenderer Sri N.Rajan for a cost of Rs. 4,11,60,000/-which works out to an overall excess of about 40% over the tendered PAC of Rs. 2,94,00,000/- if he agrees to take up the work at this amount and if not to retender the work.

Item No. III (15) *KRFB -Relaying the existing 400 mm dia Premo pipe with 400 mm MS pipe in connection with construction of New Bridge at Murinjapalam – Tender*

Res. No. 8479 The Managing Director informed the Authority the work as per this item is for re-aligning the pipeline laid along Murinjapalam Jn. In Trivandrum in order to facilitate the road widening work under taken by the Kerala Road Fund Board and that they are waiting for the completion of KWA work to start their work. The MS pipe required for the work is being made available by KWA directly and is purchased for SAIL. The Authority resolved to accord sanction to award the work of KRFB -Relaying the existing 400 mm dia Premo pipe with 400 mm MS pipe in connection with construction of New Bridge at Murinjapalam to the single tenderer Sri. S. Anil Kumar at 38% above the tendered PAC of Rs. 2,77,337/- excluding cost of materials considering the urgent nature of the work.

Item No. III (16) *Introduction of multilayer filter media with Anthracite at Chiranickal Water Treatment Plant of Adoor Water Supply Scheme - Expert Committee to study the Techno Economical aspects*

Res. No. 8480 The Authority resolved to approve the estimate amounting to Rs. 6,25,000/- to conduct detailed study regarding the techno-economical aspects including laboratory charges on the introduction of multilayer filter media technology with anthracite at Chiranickal Water Treatment Plant of Adoor Water Supply Scheme under the head of account – Training, quality control and Research and Development and to incur the expenditure through WASCON.

Item No. III (17) *Rehabilitation of pumping station*

The Authority noted the item in detail and decided to replace the defective pump sets on a phased manner depending on availability of funds and prioritizing depending on the present running condition. The Authority further directed the Managing Director to issue Administrative Sanction for rehabilitation during 2010-11 to the tune of Rs. 700.00 lakhs.

Item No. III (18) *Efficiency of pumps and motors*

Res. No. 8481 The Authority noted that at present the pumps and motors purchased are with an overall efficiency of 60%. Due to this heavy power charges are being paid to attain the desired quantity of water for distribution. If high efficiency pumps

and motors are fitted there will be much saving on power charges even though the initial investment will be higher. After considering all these aspects the Authority **resolved to accord sanction to amend the present direction for the design of pumps and motors to the effect that the efficiency of the pumps and motors shall be taken as 80%**

Item No. III (19)

Design of Administrative Head Quarters Building (CCU Building) for Kerala Water Authority - Alternate proposals

The green & smart features of RRI are to be mandatory in all NIT.

The Authority noted the various proposals placed before it and directed the Managing Director to obtain a master plan and Architectural layout suitable for the site with green and smart building concept without causing any damage to the aesthetic view of the area through open tenders by Chief Engineer (JICA). The detailed structural design shall be carried out through WASCON only.

Item No. III (20)

Central Control Unit for Kerala Water Authority - 'green and smart building' - Report

The Managing Director explained in detail the features and building construction concepts adopted in constructing the TERI building in New Delhi.

Item No. IV (1)

JICA Assisted KWSP - Contract Package II - Treated Water Transmission Main - Meenad - Request for releasing of retention amount against Bank Guarantee

Res. No. 8482

The Authority examined the note placed before it in detail and **resolved to accord approval for the release of the retention money against Bank Guarantee valid for the period specified in the contract, to M/s SPML, the contractor for Package II works Meenad as recommended by the Technical Committee and considering the decision of the Empowered Committee in Government.**

Item No. IV (2)

IT initiatives in Kerala Water Authority - Queries raised by the Government.

Res. No. 8483

The Authority noted the queries and answers to each query. The Authority noted that the state wide roll out of the ABACUS software is planned during the year and that the networking part of the plan is already under way. Hardware procurement has to be expedited along with the required database platform. The Authority noted that Oracle has been used at the back end for billing software right from 1995. The

current billing software ABACUS was developed by NIC also on the same Oracle platform and that it is time tested and fully capable of handling massive databases. KWA has come a long way in database management by upgrading from Oracle 7 to Oracle 10 G in the past 15 years. Moreover the other applications which have been developed/deployed like PMS, CRS, EIS and FAS are also based on Oracle only. This being the case the Authority noted that there is no reason to contemplate a change in the database. As such the Authority **resolved to go ahead with the procurement of hardware and Oracle licenses required for rolling out the ABACUS package** The Authority further directed that the re-designed web site of KWA shall be presented in the next meeting.

Item No. IV (3)

JICA Assisted KWSP – Role of KWA Engineers in the implementation of the Project

The Authority noted in detail the notes presented before it on the role of Engineers in implementation of the KWS Project. The Authority opined that about 1/3rd strength of officers deployed in various project sites are idling and their contribution is very little as far as the said work is concerned. The entire supervision work is being done by the consultant and their team. Hence the Authority directed the Managing Director to reassess the work done by each officer deployed in the project office and to redeploy at-least 1/3rd of the officers suitably to other projects and also to the PIU (Head office) so that their service can be put to the maximum use.

Item No. IV (4)

JICA Assisted KWSP – Institutional Strengthening – Overseas training proposal

Deferred till partial commissioning of the projects.

Item No. IV (5)

JICA Assisted KWSP – Re-constitution of Institutional Strengthening Working Committee – Delay in issuing orders - Explanation

Noted.

Item No. IV (6)

JICA Assisted KWSP – Submission of Revised Calendar for the completion of JICA Project

Noted

Item No. IV (7)

JICA Assisted KWSP - Approval of CV for the post of Deputy Team Leader

- Res. No. 8484** The Authority discussed the agenda item in detail and resolved to approve the proposal for engaging Mr. S. Ramakrishnan as Deputy Team Leader of the TEC Consortium with effect from 4/2/2010.
- Item No. IV (8)* *JICA Assisted KWSP – Appointment of Legal Consultant on Contract basis – Renewal of contract period of Sri.C.S.Padmanabhan Nair*
Deferred for detailed notes.
- Item No. IV (9)* *Inspection Note of KWA Board to JICA Project sites*
Noted.
- Item No. V (1)* *Relinquishment of promotion as Cleaners by Sri.N.K. Balakrishnan and Smt.Sathyabhama judgment complied*
- Res. No. 8485** The Authority resolved to ratify the action of the Managing Director in complying with the judgment in WP(C) No.10599/07 as per the judgment dated, 11.03.2009 as the writ appeal filed before the Division Bench was dismissed and to avoid contempt of court since the last date for complying the decision was given as 17/03/2010.
- Item No. V (2)* *Estt – Waiving off liabilities towards House Building Advance in respect of Sri.T.P.Prakasan, Plumber expired while working at P H Sub Division No.II, Thana, Kannur.*
- Res. No. 8486** The Authority resolved to write off Rs. 46,143/-(Rupees Forty Six thousand one hundred and forty three only) towards the outstanding liability in respect of Sri.T.P.Prakasan, Plumber who expired on 03.03.2009 while working at P H Sub Division No.II, Thana, Kannur following GO(P) No.591/97/Fin dated, 17.06.97 and GO(P) No.5/99/Ird dated, 03.12.99.
- Item No. VI (1)* *Online Water Charge Collection – Proposal submitted by M/s. BillDesk*
- Res. No. 8487** The Authority noted the item in detail. The Authority also witnessed the presentation made by M/s India Ideas who is known in the brand name Bill Desk about their profile, field of activity and their proposal for KWA. After considering these aspects the Authority resolved to approve the proposal submitted by Bill Desk for online payment of water charges and for e-tendering payments as noted below.

On line payment of Water Charges:-

1. One time Gateway integration - Rs. 1,00,000/- by KWA + fees Service tax
2. For credit card transactions - 2% of the transaction value by Consumer + service tax
3. Net Banking transactions - Rs. 10/- per transaction by Consumer

For e-tendering payments:-

1. One time credit card gateway & Debit payments Gateway - Rs. 1,00,000/- by KWA + Service tax
2. For credit card transactions - 2.25% of the transaction value by Contractor + Service tax
3. Net Banking transactions - 1.75% of the transaction value - by Contractor + Service tax

The Authority further resolved to authorise the Chief Engineer (HRD & GI) for entering into contract/ signing of MoU with Bill Desk for the implementation of the proposal.

Item No. VI (2)

Request submitted by Sri. G. Mohandas for a pathway

Res. No. 8488

The Authority noted the item in detail. The Authority in its 322nd meeting held on 30/04/2009 vide Res. No. 8110 resolved to give permissive sanction to Sri. G. Mohandas for crossing over to his plot which is on the other side of the pipeline road crossing pipeline road after providing adequate precautionary protection to the pipeline along the road that is deemed fit and as per the direction of KWA at the cost of the applicant. The Authority further directed to study the technical feasibility of different options and placed the detailed proposal before the Authority. Accordingly WASCON was entrusted to submit the feasibility report as per the request of Chief Engineer (SR). WASCON after detailed study submitted the proposal which was recommended by Chief Engineer (SR) in certain conditions. The Authority discussed the proposal in detail and observed that permission can be granted in order to avail encroachment and whatever precautionary measures are to be taken will be at the expense of the applicant. After deliberations the Authority resolved to permit Sri. G. Mohandas for

crossing over to his plot which is on the other side of the pipeline road crossing pipeline road after providing adequate precautionary protection to the pipeline along the road by constructing a removable over bridge over the pipeline road as proposed by the principal consultant WASCON limiting the overall width of the bridge as ~~3.7metres with a carriage way of 3.5metres~~ permitting only LMV traffic, the whole expense to be borne by the applicant and after entering into an MoU with KWA incorporating stringent conditions safeguarding the interests of KWA and as recommended by the Chief Engineer (SR) as noted below.

to the
minimum
required under
the Kerala
Building Rules

1. No supporting structure shall be provided on the pipeline road owned by KWA and there shall be a minimum clear distance of 2m from the existing outer edge of the outer most pipeline as the pipes are very old. The girders can be supported over RCC end supports at safe distance from the pipelines and the RCC supports shall be fixed outside the pipeline road.
2. The head room of the bridge shall have at least 4.5 m height above the pipeline road so that the machineries like JCB can be operated for the maintenance work to the pipeline and for lifting the existing pipes from trenches.
3. There are three number of transmission main at the pipeline road which comes beneath the pathway suggested portion. There are 33" CI main 48" CI main and 900 mm PSC main. Among them the PSC pipes (900mm) may require frequent maintenances than the other two pipelines. The 900mm PSC pipe burst recently near Vazhayila, and it is observed that the shell of the pipe is in a very weak condition, and there is a chance for similar bursting of the pipe in the nearby portions. The PSC pipes at that reach have no capacity to bear any additional forces that will develop during any construction activities. For erecting the bridge pathway the side support are essential. Excavation (Drilling) for pathway foundation can be done only if there is a clear distance of more than 2m from the existing PSC pipeline. Or else it will cause damages to the existing pipelines which may invariably invite huge disaster.
4. Considering the above aspects, it is suggested that at

least 15m of the existing PSC pipe has to be replaced with 900mm Dia. MS pipe (8mm shell thickness) below the pathway suggested. If MS Pipes are provided, the head room can be limited to 3m and the minimum of clear distance from the outer most pipe can be further decreased to 1.5m from the foundation edge of the pipe support. The expenditure on account of the replacement has to be met by the applicant. So also rectification of pipeline, if any, that occurs during the time of construction of pathway and thereafter should also be borne by the applicant.

*Not minimum
required under
the KBR*

5. The width of the road way (carriage way) shall be ~~3.5m~~ and the loading is to be limited to light motor vehicles only.
6. The construction of the pathway shall be under the strict supervision of KWA officials and as designed by WASCON.
7. The existing PWD road boundary with pipeline road is not yet clear. There is a road widening proposal of Kerala Road Fund Board. Hence the party shall obtain permission from the PWD Authorities also.
8. Since this is benefitting a commercial organization, user fee as decided by the Kerala Water Authority should be realized. The user fee should be collected annually and renewable once in three years and the fees should be collected as onetime fee calculated for ten years. The user fee should not be less than the rate levied by Indian Railways for similar purposes undertaken for Kerala Water Authority.
9. An agreement/MOU in Rs.100 Stamp paper should be executed by Executive Engineer, Head Works Division, Aruvikkara (for and on behalf of KWA) and with the party and draft agreement should be vetted by the Legal Wing of Kerala Water Authority.
10. Kerala Water Authority shall have the right to remove the temporary structure in the case of an emergency without giving prior notice to the party.

The Authority further resolved that such applications received in future may be brought before it and will be treated in the same manner on a case to case basis imposing stringent conditions.

- Item No. VI (3)* ചിറ്റയം ഉന്നതതല ജല സംഭരണി നിർമ്മിക്കുന്ന വസ്തുവിൽക്കൂടി ശ്രീ. ബി. രഘുനാഥൻ ഗതാഗത സൗകര്യത്തിനായി സ്ഥലം ലഭ്യമാക്കുന്നതു സംബന്ധിച്ച്.
- Res. No. 8489** കേരള വാട്ടർ അതോറിറ്റിക്ക് അതിന്റെ കൈവശമുള്ള വസ്തുക്കൾ മറ്റൊരാൾക്ക് വിൽക്കുവാൻ നിയമസാധ്യത ഇല്ലാത്തതിനാൽ പ്രസ്തുത ആവശ്യം നിരാകരിച്ച് അറിയപ്പെട്ട നൽകുവാൻ മാനേജിംഗ് ഡയറക്ടറോട് ആവശ്യപ്പെട്ടു.
- Item No. VI (4)* തിരുവനന്തപുരം ജില്ലാ റവന്യൂ അദാലത്ത്, സംസ്ഥാനതല സമാപനം എന്നിവയോടനുബന്ധിച്ച് പത്രങ്ങളിൽ പരസ്യം നൽകുന്നതു സംബന്ധിച്ച്.
- Res. No. 8490** റവന്യൂ അദാലത്ത് - 2010 ന്റെ സംസ്ഥാനതല സമാപനം, തിരുവനന്തപുരം ജില്ല, റവന്യൂ അദാലത്ത്, ബാങ്ക് മുഖേന ഇ - പേയ്മെന്റ് വഴി വെള്ളക്കരം സ്വീകരിക്കുന്നതിന്റെ ഉദ്ഘാടനവും എന്നിവയോടനുബന്ധിച്ച് 24/2/210ന് പ്രമുഖ സി, ഡി, വിഭാഗം മലയാള ഇംഗ്ലീഷ് ദിനപത്രങ്ങളുടെ തിരുവനന്തപുരം എഡിഷൻ പരസ്യം നൽകിയ മാനേജിംഗ് ഡയറക്ടറുടെ നടപടി ശരിവയ്ക്കുന്നതിനും ഡിസൈൻ ചാർജ്ജ് അടക്കമുള്ള പരസ്യ തുക അനുവദിക്കുന്നതിനും തീരുമാനിച്ചിരിക്കുന്നു.
- Item No. VII (1)* *Budget Estimates for the year 2010-11 and the Revised Estimates for the year 2009-10.*
- Res. No. 8491** The Authority considered and approved the budget estimate for the year 2010-11 and the revised estimate for the year 2009-10 and resolved to submit the same to the Government
- Item No. VII (2)* *Estt – Promotion of Deputy Chief Engineers as Chief Engineers – Proposal Furnishing of*
- Res. No. 8492** The Authority noted the item in detail. The Authority observed that even though all the promotions are carried out based on rule 28(b) of KS&SSR the same is not fully adhered to. Moreover there is no final seniority list of any category in KWA. All the seniority lists available are only provisional. The procedure relating to DPC is also not followed in KWA even though action to constitute DPC has been initiated earlier. While verifying the available provisional seniority list of Chief Engineers as on 01/11/2009 and that of Deputy Chief Engineers/Superintending Engineers as on 01/06/2009 a glaring discrepancy was noticed in the date of birth of Sri Solomon Fernandez. The date of birth of Sri Solomon Fernandez in the seniority list of Superintending Engineers as on 01/06/2006 is shown as 17/03/1955 whereas in the

seniority list of Chief Engineers of KWA dated November 2009, the date of birth of Sri. Solomon Fernandez has been changed to 17/5/1955. When this discrepancy was discussed in the Authority it was suggested that he may be asked to bring his passport or any other documents to clarify his date of birth. He appeared before the Authority with his passport and stated he is not bound to show his passport to the Authority. The Authority noted that the authentic date of birth can only be the one in page 3 of SSLC Book ^{which is based on the} ~~or that is~~ the advice list of KPSC. The Authority noted that even though it was directed to point out omissions/objections/corrections if any noticed in the provisional seniority list of Superintending Engineers/Deputy Chief Engineers published as on 01/10/2009, no written complaint is seen received. Hence the Authority decided to consider the provisional seniority list of Superintending Engineers/Deputy Chief Engineers published as on 01/10/2009 as a final list. The Authority after verifying the confidential report and after considering the notes presented before it **resolved to promote Sri.P.S. Rajendra Babu, Project Co-ordinator, JBIC as Chief Engineer provisionally in the arising vacancy with the condition that all provisions of rule 28(b) of KS&SSR will be satisfied subsequently including clearance of his name for promotion by the DPC and finalization of seniority list.**

Item No. VII (3)

Estt – Promotion of Executive Engineer as Deputy Chief Engineer/ Superintending Engineer – proposal furnishing of

Res. No. 8493

The Authority noted the item in detail. The Authority observed that even though all the promotions are done based on rule 28(b) of KS&SSR the same is not fully adhered to. Moreover there is no final seniority list of any category in KWA. All the seniority lists available are only provisional. The procedure relating to DPC is also not followed in KWA even though action to constitute DPC has been initiated earlier. . The Authority noted that the latest seniority list of Executive Engineers was as on 15/05/2007. This was also published as a provisional seniority list calling for objections/omissions within 30 days. However is the Authority was informed that no objections/omissions have been received till date and hence it was decided to treat the provisional seniority list of Executive Engineers as on 15/5/2007 as the final list. The Authority further noted that a total number of 8 vacancies of Superintending

Engineers/Deputy Chief Engineers will arise as on 01/04/2010 for which proposal has been placed in this meeting. The Authority verified in detail the confidential reports as well as the detailed notes presented before it. It was noted that Sri Jacob Chacko who is seventh in the seniority list of Executive Engineers is one of the incumbents in a case relating to infructuous expenditure on Kulakkada water supply scheme for providing water to Kulakkada harijan colony. As the Public Undertakings Committee has recommended action against the officers responsible for the lapses the action on the matter is underway. This being the case the Authority decided to take up the matter of filling up the two remaining vacancies in the next meeting. The Authority after considering the item resolved to promote the following Executive Engineers Smt.Lathakumari.A. Pillai, Smt.G.Vanaja, Smt.M.K.Laila, Sri.Viji Titus, Smt. Thresiamma Joseph, and Sri.P.D.Raju as Superintending Engineer/Deputy Chief Engineer, Project Director provisionally in the arising vacancies of Superintending Engineer/Deputy Chief Engineer with the condition that all provisions of rule 28(b) of KS&SSR will be satisfied subsequently including clearance of their names for promotion by the DPC and finalization of seniority list.

Item No. VII (4)

ATR – Resolution No.8409 of the 330th meeting

The Managing Director informed the Authority that even though Sri. Biju George was directed to rejoin KWA after LWA on or before 01/03/2010 he has not joined so far. Hence a show cause notice as per KCS CC&A Rule has been issued to Sri. Biju George. His reply is awaited. After discussions the Authority directed that disciplinary action under Rule 15 of KCS CC&A Rule may be initiated against Shri Biju George as soon as the time granted in the show cause notice expires -

Item No. VII (5)

Theerapadam KSUDP Supplying and laying 1500 m of 400 mm DI pipes in Chalakuzhy road and Muttada Vayalikkada connecting to the existing HDPE line – Tender

Res. No. 8494

The Authority noted the item in detail. The Managing Director informed the Authority that the work relates to the relaying of the defective pipes laid under Theerapadam project of KSUDP along the Chalakuzhy and Muttada Vayalikkada road in Trivandrum city. The Authority after considering the urgency of the work resolved to accord sanction to award the work of “ Theerapadam – KSUDP-

Supplying and laying 1500 m of 400 mm DI K9 pipes in Chalakuzhy and Muttada Vayalikkada road connecting to the existing HDPE line to the lowest tenderer M/s. Anurag Engineers at his negotiated reduced quoted amount of Rs.1,02,86,345/- which is at an overall excess of about 38.99% above tendered PAC of Rs.74,00,957/-.

Item No. VII (6) CWSS to Kazhakkootam OG, ARWSS to Edacode - Supplying, Erection, Testing and Commissioning of 500 KVA transformer and accessories at Ayilamkadavu – Tender

Res. No. 8495 The Authority discussed the item in detail and resolved to accord sanction to award the work of CWSS to Kazhakkootam OG, ARWSS to Edacode - Supplying, Erection, Testing and Commissioning of 500 KVA transformer and accessories at Ayilamkadavu to M/s. Mohans Power Controls at their final negotiated amount of Rs.22, 54,783/- which is about 38% above the tendered PAC of Rs. 16,33,901/-.

Item No. VII (7) Extending the service of Senior Research fellow from Central Institute of Fisheries Technology CIFT working on contract basis at State Referral Institute

Res. No. 8496 The Managing Director informed the Authority the reasons for extending the contract period of the research fellow from CIFT. Considering the fact that the extension is inevitable for the satisfactory functioning of State Referral Institute resolved to extend the service of the Senior Research Fellow from Central Institute of Fisheries Technology CIFT working on contract basis as Chemical Analyst for a further period of one year from 20.04.2010 at the same terms and conditions.

Item No. VII (8) ATR – Item No. I (2) of the 330th meeting

Noted

Item No. VII (9) List of Revised Estimates pending in each office of KWA

The Authority noted that there are about 60 revised estimates requiring approval from the Authority. The Technical Member informed that action will be taken to present atleast 10 Nos. of RE in full shape during every month for its consideration. The Authority accepted the suggestion of the Technical Member.

Item No. VII (10) CWSS to Ettumanoor and adjoining 9 villages in Kottayam district – Package XII (B) (1) constructing, testing and

commissioning of 4 LL OHSR at Retnagiri (2) supplying & laying clear water pumping main 200 mm DI K9 pipes (2220 m) and 200 mm PVC (10 kg/cm²) (2760 m) from clear water sump at Ettumanoor to OHSR at Retnagiri -Tender

Res. No. 8497

The Authority noted the tender in detail and resolved to accord sanction to award the work "CWSS to Ettumanoor and adjoining 9 villages in Kottayam district Package XII (B) - (1) constructing, testing and commissioning of 4 LL OHSR at Retnagiri (2) supplying & laying clear water pumping main 200 mm DI K9 pipes (2220 m) and 200 mm PVC (10 kg/cm²) (2760 m) from clear water sump at Ettumanoor to OHSR at Retnagiri to M/s. Silver Star Constructions at an amount of Rs. 15166129/- which is about 40% above estimate amount of Rs. 10832949/-, if the contractor is willing, other wise to re-tender the work.

Item No. VII (11)

CWSS to Thevalakkara and Thekkumbhagom Panchayath – Package V – Renovation of 22 mld treatment plant at Sasthamcottah Panchayath – Tender

Res. No. 8498

The Authority resolved to accord sanction to award the work of Renovation of 22 mld treatment plant at Sasthamcottah for CWSS to Thevalakkara and Thekkumbhagom Pts - Package V to Sri. S. Sathya-seelan Pillai at his quoted amount of Rs. 4415295/- which is about 34.46% above the estimated amount of Rs. 3283717/-.

Item No. VIII (1)

Modification is the NIT- Mobilisation Advance

Res. No. 8499

The Managing Director informed the Authority the reason under which the proposal for the modification is necessitated and the Authority after discussions resolved to modify clause 8.8 of the mother NIT as "No mobilization advance shall be paid to the contractor. However the contractor may raise a claim for 75 % of the value of the tested materials he has supplied at site, at the estimate rate and in accordance with the break up of payment approved as secured advance, which shall be considered by the authority in accordance with the relevant provisions of the rules for release of secured advance in KWA. Sanctioning of such secured advance shall be at the sole discretion of the agreement executing authority and shall not be considered as a right of the contractor"

Item No. VIII (2)

CARWSS to Maloth and Balal Villages in Hosdurg Taluk – Design, Construction, Testing and Commissioning of 1.05

mld W/T Unit such as Sedimentation tank, collecting sump, P/H, Aerator, clear water sump cum pump house, store room and providing pressure filter arrangement – Tender

Res. No. 8500

The Authority resolved to award the work of Design, Construction, Testing and Commissioning of Sedimentation tank, collecting sump, pump house, Aerator, clear water sump cum pump house, store room and providing pressure filter arrangement for CARWSS to Maloth and Balal Villages in Hosdurg Taluk to the lowest tenderer Sri. K. Kannan, Kannur at his reduced quoted amount of Rs. 79,24,962 /- which is at an overall excess of 40% above the estimate PAC of Rs. 56,60,687/- provided the contractor is willing to take the work at this rate and if not, go for re-tender.

Item No. VIII (3)

Separate list of employees on whom major and minor penalty were imposed during the last 10 years.

Deferred for detailed examination

Item No. VIII (4)

Disciplinary actions during 2000 - 2009

Deferred for detailed examination

Item No. VIII (5)

Supplying and laying of 600mm (170m), 700mm (170m) DI K9 pipe in front of Jimmy George Indoor stadium from filter house to church including interconnection to CI pipeline at both ends

Res. No. 8501

The Authority resolved to accord sanction to award the work of Supplying and laying of 600mm, 700mm DI K9 pipe in front of Jimmy George Indoor stadium from filter house to church including interconnection to CI pipeline at both ends to Sri. G. Soman Nair at his negotiated reduced amount of Rs. 1,70,29,861/- which is 39.8% above the tendered PAC of Rs. 1,21,79,815/-.

Item No. VIII (6)

NABARD assisted strengthening of WSS to Edakkatuwayal and Amballoor and Udayamperoor Panchayats - supplying, laying, testing and commissioning of 250mm DI K9 clear water Gravity main from treatment plant at KAKKAD to proposed sump at Pazhoor and clear water pumping main from proposed pump house at Pazhoor to the existing O.H. tank at Kanjiramattom.

Res. No. 8502

The Authority resolved to award the work "NABARD assisted strengthening of WSS to Edakkatuwayal

Amballoor and Udayamperoor Panchayats - supplying, laying, testing and commissioning of 250mm DI K9 clear water Gravity main from treatment plant at KAKKAD to proposed sump at Pazhoor and clear water pumping main from proposed pump house at Pazhoor to the existing O.H. tank at Kanjiramattom” to the lowest tenderer Sri.K.O.Jose at his negotiated quoted amount of Rs. 496,50,256/- which is 31.76% above the TPAC of Rs. 376,82,914/-

Item No. VIII (7) **SPAN-Aug. of WSS to Kunnathukal Construction of 9.15 lakh litre capacity OHSR and compound wall at Kottukonam, supplying & laying, distribution system with 450 and 400mm PE pipe for a length of 1405m, 400 & 200mm DI pipe for a length of 70m, various sizes of 280 to 40mm PVC pipes for a length of 74830m for Zone I&II . Package No.IV- Tender**

Res. No. 8503 The Authority noted the item in detail and report on the financial as well as technical capability of Sri. Vijayan Thomas (JV with Sri. Vinod Lal) and after discussions resolved to recommended to Govt. for according prior approval to award the work of Aug. of WSS to Kunnathukal Construction of 9.15 lakh litre capacity OHSR and compound wall at Kottukonam, supplying & laying, distribution system with 450 and 400mm PE pipe for a length of 1405m, 400 & 200mm DI pipe for a length of 70m, various sizes of 280 to 40mm PVC pipes for a length of 74830m for Zone I&II to the lowest tenderer Sri. Vijayan Thomas (JV with Sri. Vinod Lal) for an amount of Rs 6, 30,49,931/- with an overall excess of 38.55% above the tendered PAC of Rs. 4,55,05,000/-.

General Item **Disciplinary Action taken against the Chief Engineer (CR)**

The Managing Director informed the Authority that as per Res. No. 8419 of the 332nd meeting held on 05/02/2010 Sri. Thomas Panicker, Chief Engineer (CR) was kept under suspension. However he had obtained an interim stay order from the Hon. High Court of Kerala against the suspension order. He was also served with a memo of charges. The reply of Sri Thomas Panicker to the memo of charges has been received which was brought to the notice of the Authority. The Authority after studying the reply observed that the reply furnished is not satisfactory and decided to

under Rule 15 of NPS (CC&A) Rules

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proceed further with disciplinary action. After discussions the Authority decided to request the Government to appoint Inquiry officer and Presenting officer as prescribed under the rules.


SECRETARY


MANAGING DIRECTOR


CHAIRMAN