

**Minutes of the 314<sup>th</sup> meeting of KWA held on 29/10/2008 at 10.00 a.m. in the Conference Hall, Kerala Water Authority, Thiruvananthapuram.**

**Members Present:**

1. Sri. K. Jayakumar IAS	Chairman
2. Sri. T. K. Jose IAS	Member (Ex-Officio)
3. Sri. Illickal Augusty	Member
4. Sri. C. Ravindran	Member
5. Sri. M. S. Gopakumar	Member
6. Sri. C. Suresh Babu	Managing Director
7. Sri. T. P. Mohanlal	Technical Member
8. Sri. V. K. Girijavallabhan, IA & AS	Accounts Member

**Leave of absence:**

1. Sri. Velayudhan Vallikkunnu	Member
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*Item No. I (1) Confirmation of the Minutes of the 313<sup>th</sup> Meeting held on 27/09/2008*

The Authority confirmed the minutes of the 313<sup>th</sup> meeting held on 27/09/2008 with the following correction appearing in the minutes. The sentence 'However, if any NGO comes forward they can also be associated' on Item No. II (5) is removed.

*Item No. I (2) Review of action taken in the previous meetings*

The Authority reviewed the Action Taken Report.

*Item No. II (1) Certified Accounts of Kerala Water Authority for the year 2004-05*

**Res. No. 7833**

The Authority observed the comments made by the AG in the Audit report and noted that there are no proper records of fixed assets including landed property possessed and owned by Kerala Water Authority. The Authority stressed the need for the proper documentation and maintaining of the records. Hence the Authority directed the Managing Director to get prepared the up to date of records of the fixed assets owned and possessed by Kerala Water Authority including the inventory at plants and pump houses etc. and to present a detailed report before the Authority within two months. The Authority also directed the Managing Director to present the re-conceited statement in the advances and

loans to contractor status in the Audit report. The Managing Director was directed to present the Action taken report on the observation of the AG in the next meeting for its consideration along with these observations. The Authority **resolved to approve the Certified Accounts of Kerala Water Authority for the year 2004-05 and the Audit Report of the Principal Accountant General (Kerala) together with the reply to the Audit Report and to forward the same to the Government for placing before the State Legislature as envisaged under Section 29 (3) and (4) of the Kerala Water Supply & Sewerage Act, 1986.**

*Item No. II (2) Review of billing and Collection for the month of August 2008*

The Authority reviewed the consolidated statement of the DCB of revenue collection during the month of August 2008. The Managing Director informed the Authority that there are about 7000 Nos. of unidentified connections in the ledger book of Kerala Water Authority from whom no remittance of water charges are forthcoming and the Kerala Water Authority is not able to identify such connections. Hence a detailed enquiry has to be conducted to find out the whereabouts of the connections for this an agency voluntarily had come forward to take the work of tracing the connections and hence requested the approval of the Authority for proceeding further. The Authority declined to approve the proposal and opined that it is the duty of the field staff of Authority to trace the whereabouts of these connections. The Authority suggested that Kerala Water Authority shall release an information advertisement requesting for disclosure of non receipt of bills to these connections and that such consumers shall be given maximum concession on the arrears on voluntary disclosure. It shall also be notified that if any connection traced later will be considered an unauthorized connection and action initiated as per law. The Authority also directed that a Central Grievance Cell has to be formed at Head Office level and all the disclosure applications shall be got addressed to the Central Grievance Cell. All such applications received shall be disposed off expeditiously and required awareness shall be given to the employees of Kerala Water Authority in handling such requests.

*Item No. II (3) District level Revenue Adalath 2008-09 – streamlining of procedures- Proposals.*

**Res. No. 7834** The Authority discussed the item in detail and **resolved to approve the tentative schedule of rates and procedure for**

**conducting the Adalath as presented before it. The Authority further resolved to authorize the Adalath bench to exercise waiver of revenue wherever to assisted.** A consolidated statement of such waiver made shall be presented before the Authority for its information.

- Item No. III (1)* (a) *WSS to Nattika Firka under TRP Extension of pipe line – procurement of 250mm DI pipe.*  
 (b) *WSS to Pandalloor Village – NABARD – Clear Water Pumping Main from Anakkayam sump to OHSR at Nayipadmunnu – Procurement of 700mm DI K9 pipes and specials - Administrative Sanction to Purchase pipes and specials*

**Res. No. 7835**

The Authority noted that the purchase proposal made is for arranging the purchase of pipes and specials requested for the completion of the Tsunami rehabilitation project and of the NABARD assisted work which are to be completed as a time bound manner. The Managing Director informed that when the works were tendered as 'supplying and laying basis', no contactors came forward to take up the work as there was difficulty in getting the pipes. the Managing Director also informed that if the pipes are provided by Kerala Water Authority, there will be savings in the total cost involved for the works. Considering these aspects, the Authority **resolved to accord Administrative Sanction for the purchase of 1000m 700mm DI K7 pipe and fittings for Water Supply Scheme to Nattika Firka under Tsunami Rehabilitation Programme and 6000 m of 250mm DI K9 pipes for NABARD assisted Water Supply Scheme to Pandalloor village as a special case and ratified the action initiated for the procurement of materials.**

- Item No. III (2)* *Supply of Stone Ware pipes for risk and cost arrangement against M/s Anchor Ceramics- Non-receipt of offers against tender calls – Sanction for accepting an offer from M/s Tancem Stone ware Pipe Factory*

**Res. No. 7836**

The Authority discussed the item in detail and observed that this relates to the rearrangements of purchase of SW pipes on the risk and cost of the defaulting firm M/s. Anchor Ceramics. The Authority directed the Managing Director to take immediate necessary action for black listing the firm and for recovering the additional amount increased on risk and cost purchase through criminal procedures as law permits urgently. With these observation the Authority **resolved to accord sanction for**

accepting the offer from M/s. Tancem Stone Ware Pipe Factory, a Govt of Tamil Nadu Undertaking for the supply of 5500 nos of 150mm SW pipes @109.50/each inclusive of transportation charges but exclusive of VAT/CST.

*Item No. III (3) Purchase of new vehicle*

**Res. No. 7837** The Authority resolved to accord sanction for the purchase of a new Mahindra CL 550 MDI 2WD Diesel jeep on replacement of the old Tempo Trax No. KL 01 B 2740 attached to Water Supply sub Division, Kollam under Water Supply Division, Kollam

*Item IV (1) to IV (57) SPAN Tenders*

**Res. No. 7838** Item IV (1) to IV (57) The Authority noted the items presented before it in detail. Kerala Water Authority invited tenders for arranging the works related to SPAN projects through electronic tendering. During the time of tendering, the market was fluctuating and cost of materials were unstable. The contractors were not in position to fix the cost of pipes and other items. Also the estimate for some works were seen prepared without considering the taxes and duties being levied from the contractors while releasing payment. Also once the work is completed and commissioned, the contractor is bound to give guarantee for one to two years for the work executed by them including maintenance. With these condition in the tender, the contractors had offered high rates for same tenders over the estimated cost. The rates quoted range from - 2% to 180% over estimate rate. It is worked out that with the tender received, the total project cost may go up to Rs. 870 crores approximately against the anticipated cost of Rs. 620 crores. However when comparing the rates quoted with the present schedule of rates and market price of pipes Kerala Water Authority can approach NABARD for additional funds. However these facts has to be brought to the notice of the Government also. Hence the Authority after discussion resolved to recommend all the tender to the Empowered Committee in Government for consideration of the situation and taking a decision on the tenders received. The tenders submitted to Government shall include the

- 1) reason for the excess quoting
- 2) the present market trend
- 3) the General Trend.

**The Authority further resolved to retender the works on item Nos. IV (2), IV (6) and IV (24) as recommended by the High Level Committee.**

**The Authority also directed the Managing Director to get the explanation of the officers concerned who are responsible for the preparation of defective estimate which led to the high excess over estimate when tendered which has now placed the Government in a situation where it has to search for additional funds for completion of the works/projects.**

*Item No. IV (58) NABARD aided WSS to Poothady-Supply-erection and commissioning of 3 Nos centrifugal pumpsets with all accessories suitable to discharge 46lps against a total head of 90m for pumping raw water from GL Sump at Cheengode to Treatment Plant at Athirattukunnu-Tender*

**Res. No. 7839** The Authority noted item in detail. The Managing Director informed that the estimate was prepared based on the old schedule of rate and not based to the present market trends. Due to high cost in copper wires and materials, then offer received are with high rates. All the works of the schedule had since been completed and once the pump sets are erected, the scheme can be commissioned. Considering all these aspects, the Authority resolved to approve the offer of M/s. Maxflow Pumps India Limited, Khandsa Road, Gurgaon at their quoted amount of Rs.17,62,000/-, which is at an excess of 78.11% above the estimate PAC, for the work of Supply-erection and commissioning of 3 Nos centrifugal pumpsets with all accessories suitable to discharge 46lps against a total head of 90m for pumping raw water from GL Sump at Cheengode to Treatment Plant at Athirattukunnu for NABARD aided Water Supply Scheme to Poothady.

*Item No. IV (59) NC/PC-Quality affected area-Water Supply Scheme to ward No.11 of Kodyathur Grama Panchayat-Construction of OH tank (50,000 litre)-Tender*

**Res. No. 7840** The Authority resolved to approve the offer of the lowest tenderer Sri. K. Rajesh, Kulangalam Veedu, Paroppady, Kozhikkode at the reduced quoted rate of 41% above tendered PAC (excluding departmental materials)for the work NC/PC-Quality affected area-Water Supply Scheme to Ward No.11 of Kodyathur Grama Panchayat-Construction of OH tank of

**capacity 50,000 litre. Tendered PAC (including departmental materials - Rs. 4,60,907.00 Quoted PAC (including departmental materials) Rs. 5,77,108.00**

*Item No. IV (60) UWSS to Kazhakuttam OG – ARWSS to Kazhakuttam – Menamkulam (Part) village ARWSS to Edacode and adjoining Villages, ARWSS to Irooppara Supplying, laying, jointing and Commissioning of 350 mm CI Class A clear water pumping main 2200 m from sump and pump house at Kaliyikka to GLSR at Sreenarayanapuram including all scour arrangements at suitable locations – Tender applications*

**Res. No. 7841** The Authority noted that the rates quoted is very high and the pipe proposed was CI pipes. After discussion the Authority **resolved to cancel the tender and invite fresh tenders after revising the estimate suitably with DI pipes.**

*Item No. IV (61) CARWSS to Ranni Pazhavangadi and Vadasserikkara villages – arranging the pipe laying works on Supplying and laying basis – ratification*

**Res. No. 7842** The Authority noted the item and considering the circumstance, under which the Chief Engineer had issued directions to proceed with the work, the Authority **resolved to ratify the action of Chief Engineer(SR) in according sanction for arranging the works coming under Package II & IV for CARWSS to Ranni Pazhavangadi and Vadasserikkara villages under Supplying and laying basis.**

*Item No. IV (62) TRP–providing adequate drinking water facilities in the coastal area of Kollam Corporation-strengthening of 2 Lakhs litre capacity sump and laying new pipe line from existing sump to the strengthened sump at Booster pump house- Anandavalleswaram - Tender*

**Res. No. 7843** The Authority **resolved to accord sanction for awarding the work of strengthening of 2 Lakhs litre capacity sump and laying new pipe line from existing sump to the strengthened sump at Booster pump house at Anandavalleswaram to Sri.N. Sunderlal, Kollam at the quoted amount of Rs.22,43,820/- which is 70% above estimate PAC of Rs.13,19,894/-.**

*Item No. V (1) Estt. – Framing Special Codes and Rules for the Kerala Water Authority*

**Res. No. 7844**

The Authority resolved to make available the official records and materials as noted below requested the committee and to accept the Terms of Reference as noted below.

**a) List of Records and Materials.**

1. **General organization and set up.**
2. **Establishment – Engineering service, Ministerial service, Subordinate service, Last Grade service.**
3. **Duties, responsibilities and powers of all officers.**
4. **Investigation and designs works (water supply, drainage, buildings, roads and bridges).**
5. **Land acquisition.**
6. **Estimates.**
7. **Stores.**
8. **Budgeting and controlling of expenditure.**
9. **Tenders and arrangement of contractors.**
10. **Maintenance works.**
11. **Original works**
12. **Execution of contracts**
13. **Registration of contractors**
14. **Issue of plumbing license.**
15. **Procedure with regard to Law, Suits etc.**

**b) Terms of reference.**

1. **For the preparation of the Manual a minimum period of 6 months is required.**
2. **Five copies of the draft manual with one soft copy will be issued.**
3. **A consolidated fee of Rs.2 lakhs (Rupees Two Lakhs) is required for the preparation of Manual excluding the service tax if any.**
4. **An amount of Rs.20,000 (Rupees Twenty thousand only) is required towards the stationery expenses which includes DTP chares also.**
5. **10% of the stationery expenditure is to be disbursed by the 10th of every month and the remaining 50% of the amount is to be disbursed at the beginning of the last month.**

6. **40% of the fees shall be released at the end of the 3<sup>rd</sup> month on the submission of a progress report. 50% of the fee shall be released at the time of the submission of the draft manual and the balance 10% shall be released on approval of the manual.**
7. **Sri.C.S.Padmanabhan Nair, Special Secretary, Law Department (Rtd) shall be designated as the convener of the committee.**

*Item No. V (2) Sri. V.S.Pradeep, Accounts Manager on contract basis – Extension. of period of contract*

**Res. No. 7845** The Authority resolved to extend the period of contract with Sri. V. S. Pradeep, Accounts Manager on contract basis for a further period of 3 years with the same terms and condition and that he shall hold the post of FM & CAO additionally till a permanent hand is posted.

*Item No. V (3) Estt - Medical Reimbursement Special Sanction Sri. K. P. Gopi, Driver, P.H. Division, Kochi*

**Res. No. 7846** The Authority resolved to approve the medical reimbursement claim of Rs. 15,510/- in respect of Sri. K. P. Gopi, Driver PH Division, Kochi towards the treatment of his mother to the disease Le-vitamin Hemorrhac (Eye disease) at Little Flower Hospital, Angamaly as a very special case subject to admissibility of the bills.

*Item No. V (4) Estt. Medical reimbursement special sanction of Sri.G.Ajikumar, Lower Division Clerk.*

**Res. No. 7847** The Authority resolved to approve the medical reimbursement claim of Rs. 12,570/- in respect of Sri. G.Ajikumar, Lower Division Clerk, Head Office towards the treatment of himself for Rhinosporidium recurrence – DNS Bilateral Ettimoidal Polyposis (ENT surgery) as a very special case subject to admissibility of the bills.

*Item No.V (5) Estt. - Extension of Leave Without Allowance - Sri. P. S. Prasanth, Assistant Engineer, O/o the CE (CR), Kochi*

**Res. No. 7848** The Authority resolved to sanction extension of Leave Without Allowance for six months from 01.07.2008 to 31.12.2008 for completing Research Programme in the National Institute of

**Technology, Kozhikkode to Sri.P.S.Prasanth, Assistant Engineer (on leave), O/o the Chief Engineer (CR), Kochi subject to the terms and conditions laid down in Rule 88, Appendix XII and in the order No.KWA/JB/E1-3464/08 dated, 08.07.2008 and he will be considered as a new entrant or rejoining duty.**

*Item No. V (6) Conversion of last grade posts as Meter Reader Posts.*

**Res. No. 7849** The Authority resolved to recommended to Government prior approval to re-designate 304 posts of last grade employees (107 last grade posts, 154 lascar posts and 43 other posts) as meter readers except the post of Boat Driver (1 post) and Boat Man (2 posts). The Authority also directed the Managing Director to work out the additional financial commitment, if any, on re-designation and inform the Government along with the request for approval.

*Item No. VI (1) RWSS to Chavara Pump House at Karithura – Request for mining in the land possessed by Kerala Water Authority by the Indian Rare Earths Ltd. - Ratification*

The Authority noted the item in detail along with the explanation by the then Superintending Engineer, Kollam. The Authority opinioned that the explanation given is not satisfactory and that no employee of Kerala Water Authority can take such decision without getting prior approval from the Government or from the competent Authority, as the case may be, where there involves compensation. The Authority directed the Managing Director to issue an appropriate warning letter to the Officer and close the issue.

*Item No. VI (2) Issue of Plumbing License in Kerala Water Authority- Conduct of Examination- Payment of Remuneration charges to invigilators – enhancement*

**Res. No. 7850** The Authority resolved to enhance the rate of remuneration for invigilation duty for the plumbing License Examination from Rs. 125/- to Rs. 150/- for 3-hrs session

*Item No. VI (3) Vayalar Ramavarma Memorial Trust conduct of 32nd Vayalar Rama Varma Literary Award Function on 27th October, 2008 at Tagore Centenary Hall, Trivandrum - Patronge and Financial Support requested*

**Res. No. 7851** The Authority resolved to give a sum of Rs. 10,000/- and permit Secretary, Vayalar Rama Varma Trust, Thiruvananthapuram, to exhibit banner of Kerala Water Authority at the venue of the function.

*Item No. VI (4)* കേരള വാട്ടർ അതോറിറ്റിയുടെ പൈപ്പ് പൊട്ടി നഷ്ടം സംഭവിച്ചത്

**Res. No. 7852** കേരള വാട്ടർ അതോറിറ്റിയുടെ വക അരുവിക്കര മെയിൻ പൈപ്പ് പൊട്ടിയതു നിമിത്തം ശ്രീ. ഗബ്രിയേൽ ലൂയിസിനുണ്ടായ നഷ്ടം സംബന്ധിച്ച് ജില്ലാ കളക്ടർ നിശ്ചയിച്ച നഷ്ട പരിഹാര തുകയായ 20,000/- രൂപ അദ്ദേഹത്തിന് നൽകുന്നതിനായി തീരുമാനിച്ചിരിക്കുന്നു.

*Item No. VII (1)* *JBIC Assisted Kerala Water Supply Project – Thiruvananthapuram Scheme– package II – Transmission mains – Variation in BoQ items– approval*

**Res. No. 7853** The Authority noted the item and the recommendation of the Technical Committee in detail and resolved to approve the variation in the BoQ items as noted below for the Package II transmission main for an amount of Rs. 1,14,12,083/-.

1. Uninterruptible power supply - 3 nos (Two for old WTP and one for new WTP)
2. Electrically operated Butter fly valves – 4 nos (Three for old and one for new line at – Thirumala, Observatory and Peroorkada)
3. Electromagnetic flow meter -3 nos (Two for existing – Thirumala and observatory and one for new at Powdikonam)
- 4 Ultrasonic level transmitter - 3 nos (for existing – Thirumala, Peroorkada, Observatory).
- 5 Conductivity level switches - 6 nos (for existing – Thirumala, Peroorkada, Observatory).

The Authority noted that it had already approved Rs.260 lakhs towards enhancement of provisional sum vide resolution No.7372 dated 07.05.2007 , Rs.181 lakhs towards provision of non – BoQ items vide resolution no. 7594 dated 16.02.2008, and Rs.71.28 lakhs vide Resolution no.7810 dated 29.09.2008. Thus total excess for the Package II works of Thiruvananthapuram Scheme would be Rs.626.4 lakhs (7.9%) over the accepted contract sum of Rs.7889.72 lakhs.

*Item No. VII (2) JBIC Assisted Kerala Water Supply Project- Package-III- Thiruvananthapuram scheme*

The Authority noted the contents of the item.

*Item No. VII (3) JBIC Assisted Kerala Water Supply Project – Thiruvananthapuram Scheme – Package IV Service Reservoirs – Granting of Time Extension*

**Res. No. 7854** The Authority noted the urgent need for the time extension stated in the Agenda Note and the recommendation of the Technical Committee. Based on this the Authority **resolved to approve time extension for P IV works of Thiruvananthapuram scheme upto 31.12.2009 subject to the terms and conditions stated below.**

- 1. Delay in handing over of sites shall be accounted while determining the proportionate work to be done in the first 12 months for purpose of calculation of price escalation. The 12 months period will be reduced by the delayed period, so that the handing over date shall be deemed to be the date on which site is handed over free of encumbrances as mutually agreed and noted in the table attached.**
- 2. The time of completion was fixed for each reservoir which is also noted in the table. Subject to this, the over all time of completion shall be extended upto 31.12.2009. L.D clause as per contract will apply if the works are not completed within the dates agreed for each component / reservoirs. However, a grace period of 2 months shall be allowed in calculating the liquidated damages for individual components provided that the overall contract completion is achieved before 31.12.2009.**
- 3. The contractor will keep all insurances and guarantees validated upto the extended time period / warranty period without any extra cost to the Employer**
- 4. There shall not be any increase in the amounts agreed under ‘General and Preliminaries’ of the BoQ.**
- 5. A detailed work programme with Bar charts shall be given by the contractor through the Engineer to achieve the revised target dates of completion, before 15.10.2008.**

6. A supplemental agreement, incorporating the above terms and conditions shall be executed by the contractor within 15 days of granting the time extension, with such modifications as may be ordered by the Kerala Water Authority Board.

Regarding the proposal for removing the ceiling of 10% in price variation, the Authority further resolved to recommend the issue to the Empowered Committee in Government formed for JBIC Projects as a General issue for their consideration and appropriate decision.

Sl No	Reservoir / allied works	Mutually Agreed Handing over date ready for Construction	Revised Date of Completion agreed by the Contractor	Remarks
1	Powdikonam GLSR	10.09.07	31/12/08	Contractor stated that site for dumping the excavated earth was given only on 10.09.2007
2	Nelliyode GLSR	04.10.07	30/11/08	Electricity Pole was to be shifted. Reservoir capacity increased and the final drawings could be issued only on 04.10.07
3	Aruvikkara OHSR	03.04.08	28/02/09	Drawings had to be revised due to site issues and issued on 03.04.08.
4	Malamughal GLSR	20.04.08	31/10/08	An existing pipeline obstructing work was removed only on 01.01.08 and after starting excavation loose strata was met with. For design review and revision, the works were stopped and designs finalized on 20.04.08
5	Powdikonam OHSR	13.08.08	31/08/09	Land acquisition was completed on 26.06.08. But due to peak monsoon, site was taken over on 13.08.08 only.
6	Maruthankuzhy Quarters Site	13.08.08	31/08/09	Pipes stacked by regular Divisions had to be shifted.
7	Nettayam OHSR TB,BPS	13.08.08	31/08/09	-do-
8	Attukal- OHSR TB,RCB,BPS	01.09.08	31/08/09	Existing utilities had to be shifted through regular Division / KSEB
9	Kudappana-kkunnu - GLSR	01.11.08	31/08/09	Land yet to be obtained in possession from Animal Husbandry Department.
10	Pongumoodu OHSR	15.09.08	31/08/09	Existing structure had to be demolished and alternate structures had to be constructed to accommodate Post Office building.

11	Thirumala GLSR - I	15.09.08	31/05/09	Site not handed over so far, since pipes stacked at site and the existing underground pipelines are to be shifted.
12	Thirumala GLSR - II	31.10.08	30/06/09	-Do-
13	Training Centre Vellayambalam + Hostel building	15.09.08	31/08/09	Lot of pipes and specials were stacked at site. Also demolition of the existing structures, tree cutting and shifting of the LT line passing through the site has to be removed for starting works.
14	Observatory Hill OHSR/ Administration Buildings	15.09.08	31/12/09	Existing pipelines are to be shifted for starting works.

*Item No. VII (4) JBIC Assisted Kerala Water Supply Project – Meenad and adjoining villages – Package II – Transmission main – Variation for Wash out valve chambers, M25 PCC in lieu of M 10 PCC and 508 mm dia MS casing pipe in lieu of 711 mm dia casing pipe for the Mayyanadu Railway Crossing*

**Res. No. 7855** The Authority discussed the item in detail and on the basis of the recommendations of the Consultants and the Technical Committee, resolved to approve the excess amount of **Rs. 6, 10,982.46** as per the break up given below:

1. Variation of valve chambers = Rs.3, 52,665.78 (+)
2. Additional cost in pipe bridge at Kummallur due to the change of M10 PCC to M 25 PCC for top and bottom plugging. = Rs.1, 92,689.55 (+)
3. Change of 711 mm dia MS casing pipe to 508 mm dia pipe at the railway crossing at Mayyanadu = Rs.65,627.13 (+)

The Authority also noted that with the excess the revised cost of Meenad Package 2 contract will be Rs. 76,00,34,836.5 which is 2.06% in excess of the contract sum of Rs. 74, 46, 85,211.

*Item No. VII (5) JBIC Assisted Kerala Water Supply Project - Meenad and Adjoining villages-Package IV-Service Reservoirs- Time Extension*

**Res. No. 7856** The Authority noted the item in detail and resolved to extend the time of completion of the Package 4 works of the Meenad scheme upto 30<sup>th</sup> September 2009 subject to the following conditions, as recommended by M/s TEC and Technical Committee.

1. Delay in handing over of sites shall be accounted while determining the proportionate work to be done in the first 12 months for purpose of calculation of price escalation. The 12 months period will be reduced by the delayed period, so that the handing over date shall be deemed to be the date on which site is handed over free of encumbrances as mutually agreed and noted in the table attached.
2. The time of completion was fixed for each reservoir which is also noted in the table. Subject to this, the over all time of completion shall be extended upto 30.09.2009 for Meenad package. L.D clause as per contract will apply if the works are not completed within the dates agreed for each component / reservoirs. However, a grace period of 2 months shall be allowed in calculating the liquidated damages for individual components provided that the overall contract completion is achieved before 30.09.2009.
3. The contractor will keep all insurances and guarantees validated upto the extended time period / warranty period without any extra cost to the Employer
4. There shall not be any increase in the amounts agreed under 'General and Preliminaries' of the BoQ.
5. A detailed work programme with Bar charts shall be given by the contractor through the Engineer to achieve the revised target dates of completion, before 15.10.2008.
6. A supplemental agreement, incorporating the above terms and conditions shall be executed by the contractor within 15 days of granting the time extension, with such modifications as may be ordered by the Kerala Water Authority Board.

SI No	Name of Reservoir Site	Site Handing over date	Modified handing over dates (if any)	Revised date of completion agreed by the Contractor	Remarks for Column (4)
1	2	3	4	5	6
1	Pooyappally OHSR	21.05.07	21.05.07	31.07.09	-
2	Chirakkara / Paravoor OHSR	21.05.07	21.05.07	31.07.09	-
3	Nedumpana / Pallimon OHSR	21.05.07	30.07.07	31.05.09	Date of Issue of Drawing by Engineer

4	Meenad / Chirakkara OHSR	21.05.07	30.07.07	31.07.09	Date of Issue of Drawing by Engineer
5	Mayyanad II OHSR	21.05.07	15.12.07	30.06.09	Foundation re-design necessitated
6	Anchal OHSR	22.05.07	10.12.07	31.12.08	Foundation re-design necessitated
7	Arakkal GLSR	22.05.07	22.05.07	30.11.08	-
8	Edamulakkal GLSR	22.05.07	22.05.07	30.11.08	-
9	Veliyam / Odanavattom	22.05.07	11.01.08	31.01.09	Design review had to be done
10	Ummannoor / Valakom GLSR	22.05.07	11.01.08	28.02.09	Design review had to be done
11	Elamad GLSR	22.05.07	22.05.07	31.12.08	-
12	Karavaloor OHSR / Staff Quarters	22.09.07	22.09.07	31.03.09	Site for staff quarters was handed over on 16.02.2008 only
13	Poothakkulam OHSR	22.09.07	22.09.07	31.05.09	-
14	Mayyanad / Adichanalloor OHSR	10.03.08	10.03.08	30.06.09	Delay in Land Acquisition
15	Administrative Building / Valakom	31.07.08	31.07.08	30.09.09	Delay in Land Acquisition

*Item No. VII (6) Formation of State Referral Institute Engaging Senior Research Fellow from Central Institute of Fisheries Technology (CIFT) on contract basis.*

**Res. No. 7857** The Authority resolved to approve the proposal of Chief Engineer (CR) to engage a Senior Reserch fellow from Central Industrial Fisheries Technology (CIFT) on contract basis for a period of 1 year against as suitable vacant post. at a remuneration not exceeding Rs. 15,000/- per month. During this period employees of Kerala Water Authority shall be given proper training on the operation of the sophisticated instruments like Atomic Absorption, Spectrophotometer and Gas Chromatograph.

*Item No. VII (7) Announcement made by the Hon'ble Minister for Finance during the budget speech 2008 -09 --- Renovation of Wellington WSS & Peppara dam –request for sanction*

**Res. No. 7858** The Authority noted the item in detail and **resolved to accord sanction for the proposal for Renovation of Wellington WSS & Peppara Dam amounting to Rs.100 lakhs. The Authority also resolved to accord sanction for the purchase of one suitable boat for inspection purposes only at Peppara Dam along with the renovation works limiting the total expense to Rs. 100.00 lakhs.**

*Item No. VII (8) Progress of Works achieved on Schemes under UIDSSMT*

The Authority noted the progress achieved.

*Item No. VII (9) Appointment of Standing Counsel in Trissur District*

**Res. No. 7859** The Authority **resolved to appoint Advocate K. N. Manoharan, S/o. Narayanan, Kaipilly House, Arimpur P.O., Trissur as a Panel Advocate for Kerala Water Authority in Thrissur District.**

*Item No. VII (10) Institutional Strengthening Working Committee present status - Submitting the Interim Report (45 days & 75 days combined)*

The Authority noted the item in detail and directed the Managing Director to consider the proposal in detail by senior officers of Kerala Water Authority and to place it before the Board with specific recommendation of the Advisory Committee. The Authority also directed the Managing Director to give a presentation on the proposals included in the interim report for its information and consideration in the next meeting.

*Item No. VII (11) Compassionate Employment Scheme to the family of Sri. D. Sanal Kumar (Late), Driver Head Office, KWA*

**Res. No. 7860** The Authority after discussions **resolved to recommend to Government the request of Smt. Anju R. S., daughter (married) of Sri. D. Sanal Kumar (Late) Driver for employment Assistance under compassionate Employment Scheme for favourable orders under existing rules.**

**General Item***Item No. VIII (1)***Res. No. 7861**

The Managing Director informed the Authority that Kerala Water Authority had deployed its employees in all the pump houses now maintained by Kerala Water Authority. Once these schemes are transferred to the local bodies, there may be surplus staff with Kerala Water Authority. The Authority discussed the situation and **resolved that once the single Panchayat Scheme is transferred to the local body, the employees now working in this scheme shall also be deployed to that scheme. The Authority directed the Managing Director to address the Government for issuing suitable directions to the local bodies for engaging these deployed staff of Kerala Water Authority in the transferred schemes.**

*Item No. VIII (2)*

The Managing Director informed that even though so many schemes had since been completed, no creation of posts was done for running the schemes. Hence the running of the schemes was arranged through contractors on running contract basis. It had come to the notice of the Authority that so many persons are working as labourers of the contract over and above what is actually required. The Authority directed the Managing Director to place before it the system under which the running contract are being concluded for the running of various schemes including contract for supply of labourers as and when required.

*Item No. VIII (3)*

The Authority noted that the monthly progress report of the JBIC projects are not being placed before it for its consideration. Hence the Authority directed the Managing Director that hereafter the monthly progress report of all projects under JBIC assistance shall be placed before the Authority for its consideration.

  
**SECRETARY**  
**MANAGING DIRECTOR**  
**CHAIRMAN**