



**Minutes of the 357<sup>th</sup> meeting of KWA held at 11.30 a.m.  
on 01/02/2013 in the Conference Hall, Kerala Water  
Authority, Thiruvananthapuram.**

**Minutes of the 357<sup>th</sup> meeting of KWA held at 11.30 a.m. on  
01/02/2013 in the Conference Hall, Kerala Water Authority,  
Thiruvananthapuram.**

**Present:**

1. Sri. V.J. Kurian, IAS, Principal Secretary (WR)	Chairman
2. Sri. Ashok Kumar Singh, IAS	Managing Director
3. Sri. K. V. Mani	Member
4. Sri. Johny Areekattel	Member
5. Sri. John Thomas	Member
6. Sri. E. K. Chellappan	Member
7. Sri. R. Sukumaran	Technical Member
8. Sri. V.S. Pradeep, (FM&CAO)	Special invitee
9. Sri. P.D. Raju	Secretary

*Item No. I (1) Confirmation of the Minutes of the 356<sup>th</sup> Meeting held on 27/12/2012*

The Authority confirmed the Minutes of the 356<sup>th</sup> Meeting held on 27/12/2012 and the decision taken on circulation on 19/01/2013.

*Item No. I (2) Review of Action Taken in the Previous Meetings*

The Authority reviewed the Action Taken Report placed.

*Item No. II (1) Progress of Works of schemes under JNNURM and UIDSSMT*

The Authority reviewed the progress of work in detail. The Authority directed that the work should be completed in time.

*Item No. II (2) Monthly Plan Progress report for the month of December 2012 and list of schemes completed during 2012-13*

The Authority reviewed the item and directed to speed up the ongoing projects and achieve the targeted results.

*Item No. III (1) Tender No.KWA/HO/SP-07/2010-2011/RC-PVC opened on 04/08/2010*

**Res. No. 9250** The Authority discussed the matter in detail and **resolved to cancel the tender and to release the EMD.**

*Item No. IV (1) Deposit work – GIDA – Improvement of water supply scheme to Kadamakkudy panchayat – Construction, testing and commissioning of 15 Lakh litre capacity OHSR at Mannamthuruth in Varappuzha Panchayat – Tender*

**Res. No. 9251** The Authority discussed the agenda in detail and **resolved to award the work of “Deposit work – GIDA – Improvement of water supply scheme to Kadamakkudy panchayat –**

  
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Construction, testing and commissioning of 15 Lakh litre capacity OHSR at Mannamthuruth in Varappuzha Panchayat” - to the lowest tenderer M/s.Chicago Constructions International Private Limited at the negotiated quoted amount of ₹ 291,07,838/- (Rupees Two Crore ninety one lakhs seven thousand eight hundred and thirty eight only) which is 6.13% above (over all) TPAC of ₹ 274,27,026/- based on Revised SoR 2010, after obtaining an undertaking from GIDA that the additional amount required will be met by them.

*Item No. IV (2)* *NRDWP- XVI-SLSSC- RWSS to Vannappuram Village in Idukki District – Phase I Supplying and laying ,testing and commissioning distribution systems in Zone I&II of the Scheme using various classes of PVC pipes of 315 mm to 160mm dia, laying gravity mains of 250mm dia DI K 9 and 65mm GI (M) pipe, construction of 6 LL capacity GLSR at Nalpathekkar –Tender*

**Res. No. 9252** The Authority discussed the matter in detail and resolved to award the work “NRDWP- XVI-RWSS to Vannappuram Village in Idukki District – Phase I – Supplying and laying ,testing and commissioning distribution systems in Zone I&II of the Scheme using various classes of PVC pipes of 315 mm to 160mm dia, laying gravity mains of 250mm dia DI K 9 and 65mm GI (M) pipe, construction of 6 LL capacity GLSR at Nalpathekkar” to the lowest tenderer Sri. Joseph John at his negotiated quoted amount of ₹ 448,27,967.80/- which is 8.518 % above TPAC of ₹413,09,156.00 based on Revised SoR 2010

*Item No. IV (3)* *NRDWP-XVI-SLSSC-2011-Extension of water supply in hilly areas of Kumily Grama Panchayat in Idukki District- Supplying and laying distribution system in Zone- I,II and III-Tender- Ratification*

**Res. No. 9253** The Authority resolved to ratify the action of Managing Director for awarding the work “NRDWP-XVI-SLSSC-2011-Extension of water supply in hilly areas of Kumily Grama Panchayat in Idukki District- Supplying and laying distribution system in Zone- I,II and III” to the lowest tenderer Sri.George Mathew at the corrected quoted amount of ₹428,50,601.00 ie, @ 8.35% below TPAC of ₹467,56,964/- based on Revised SoR 2010 in anticipation of approval of the Board.

*Item No. IV (4)* *TRP- WSS to Madayi Panchayat – Crossing Railway tracks by horizontal directional drilling at KM 777/300 near Payangadi Railway Station in Madayi Panchayat in Kannur – Tender*

**Res. No. 9254** The Authority noted that all the works under TRP- WSS to Madayi were completed except the present work. Also, the work was

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tendered earlier and there was no response. For the present re-tender, only one tenderer has quoted. The firm has quoted 38% above TPAC of ₹ 11,15,204/- based on revised SoR 2010 ie, ₹ 15,29,976/-. It was also noted that the % excess of the quoted amount when compared with the estimate amount based on SoR 2012 comes to 19.30% above.

As the balance works under TRP is to be completed urgently and considering all the aspects including looming drought situation, the Authority resolved to award the work of "TRP- WSS to Madayi Panchayat – Crossing Railway tracks by horizontal directional drilling at KM 777/300 near Payangadi Railway Station in Madayi Panchayat in Kannur" - to the single tenderer M/s Michael & Michael Pipes Pvt. Limited at the corrected quoted amount of ₹15,29,976/- which is 38 % above TPAC of ₹11,15,204/- based on revised SoR 2010 including cost of materials. The Authority instructed that the corrections are to be effected before awarding the work.

*Item No. IV (5) JICA Assisted WSP – Meenadu and adjoining Villages – Linking of existing scheme with Meenadu Project Zone I – Tender*

**Res. No. 9255** The Authority discussed the agenda in detail and resolved to accord sanction to award the work of "JICA Assisted WSP – Meenadu and adjoining Villages – Linking of existing scheme with Meenadu Project Zone I", to Sri.S.Raju at his negotiated quoted amount of Rs. 52.71 lakhs, which is 31% above Tendered PAC of Rs. 40, 23,945/- i.e. 5.99% above the estimate based on SoR 2012 as drought situation in Kollam is very severe.

*Item No. IV (6) JICA Assisted WSP – Meenadu and adjoining Villages – Linking of existing scheme with Meenadu Project Zone II – Tender*

**Res. No. 9256** The Authority discussed the matter in detail and resolved to accord sanction to award the work of "JICA Assisted WSP – Meenadu and adjoining Villages – Linking of existing scheme with Meenadu Project Zone II", to Shri. Sri.Sathyaseelan Pillai at his negotiated quoted amount of ₹19,29,218/- which is 31.55% above TPAC of ₹ 14,66,432/- i.e. 5.99% above estimate based on SoR 2012.

*Item No. V (1) Constitution of DPC and action taken in this regard*

Deferred

*Item No. V (2) Smt.G.Sujatha, Data Base Administrator appointed as contract basis – Extension of period of contract*

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**Res. No. 9257** The Authority after discussion **resolved to extent the terms of service contract of Smt. C. Sujatha as DBA for a further period of 2 years from 18/06/2013 i.e. (upto 17/06/2015), as per the terms and conditions of the original contract.**

*Item No. V (3) Appointment to selection posts – Period of probation*

**Res. No. 9258** The Authority discussed the matter in detail and **resolved to continue the present system of one year for probation.**

*Item No. V (4) Assisted Kerala Water Supply Project – Appointment of Special Officer on Contract basis – Renewal of contract period of Sri.K.Lokesan Nair*

**Res. No. 9259** The Authority discussed the matter in detail and **resolved to renew the contract with Sri. K. Lokesan Nair, Special Officer, JICA Project for a period of one year from 14.02.2013 in view of circumstances explained in the agenda note. The terms and conditions of the previous appointment shall be adopted for the new contract.**

*Item No. VI (1) Providing water connection to buildings in Purompokku and buildings without door numbers – relaxation of the provisions of Kerala Water Authority(water Supply) regulations*

**Res. No. 9260** The Authority discussed the matter in detail and **resolved to give water connection as per Government directions contained in G.O (MS) No. 149/2012/LSGD dated 10/06/2012. However it shall be ensured that person lives in that particular house.**

*Item No. VI (2) Project Development Consultancy Unit – Concept Paper*

Deferred

*Item No. VI (3) Formation of WASCON – Concept paper – Financial and Administrative Powers of WASCON*

Deferred

*Item No. VI (4) Introduction of multilayer filter media with Anthracite at Chiranickal Water Treatment Plant of Adoor WSS – Expert Committee to study the Techno Economical aspects*

**Res. No. 9261** The Authority discussed the matter in detail and **resolved that a detailed economic analysis for both sand and Anthracite filter media should be placed in the next Authority meeting.**

*Item No. VI (5) Compliance of Judgment dated, 02-11-2012 in W.P(C) No. 12421/2012 filed by Shri.M.M.Varghese*

  
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Ratified

*Item No. VI (6)* Request for fund for diary 2013 of Assistant Engineer's Association – PHED (Association of Graduate Engineers)

**Res. No. 9262** The Authority discussed the matter in detail and resolved to issue funds for an amount of ₹ 25000/- (Rupees Twenty five thousand only) for the purpose of publishing Assistant Engineers' Association – PHED (Association of Graduate Engineers) Diary – 2013 with the condition that the Association will provide 100 Nos. of diaries with the Emblem/Logo of Kerala Water Authority to KWA for circulation.

*Item No. VII (1)* ARWSS - Augmentation and Improvements to Nilambur - Supplying, laying, testing and commissioning 300mm, 250mm DI K7 distribution system for zone II.- Tender

**Res. No. 9263** The Authority discussed the matter in detail and resolved to approve the lowest offer for the work of "ARWSS - Augmentation and Improvements to Nilambur - Supplying, laying, testing and commissioning 300mm, 250mm DI K7 distribution system for zone II.", received from the lowest tenderer Sri.K.Sundaran, Athira House, Santhigram, Manjeri at the quoted rate of 9.72% above SoR 2012. This work is arranged at the risk and cost of Sri.Thampikutty.K.P, who did not start the work after executing the agreement. The Chief Engineer (NR) shall ensure that all formalities in arranging the work at risk and cost complied with. It is also resolved to recover the amount from the tender Sri.Thampikutty.K.P from the current works and to blacklist him from future tendering.

*Item No. VII (2)* ARWSS to Krishnagiri, Purakkady and Ambalavayal Villages – Supplying, laying testing and commissioning of distribution system for zone I/ Reach I –Tender

**Res. No. 9264** The Authority discussed the matter in detail and resolved to approve the lowest offer for the work of "ARWSS to Krishnagiri, Purakkady and Ambalavayal Villages – Supplying, laying testing and commissioning of distribution system for zone I /Reach I", received from the lowest tenderer Sri. Babu M Varghese, Muttuvanchery, Ernakulam at the estimate rate based on 2012 SoR of Rs.96,45,336/- which is at an overall excess of 15.51% above the tendered PAC of Rs. 83,50,123/- (based on revised SoR 2010) if the tenderer is willing to take up the work at that rate or else to retender.

*Item No. VII (3)* NRDWP – XV – SLSSC – Additional coverage to Puzhakkattiri and Vadakkumkara villages – Distribution system Phase III – Tender

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**Res. No. 9265** The Authority discussed the matter in detail and resolved to approve the lowest offer for the work of “NRDWP – XV – SLSSC – Additional coverage to Puzhakkattiri and Vadakkumkara villages – Distribution system Phase III”, received from the lowest tenderer Sri. Shahul Hameed, Varikkodan House, Down Hill(P.O), Malappuram for of ₹ 3,24,52,633 /-, which is 7.99 % above the tendered PAC of ₹ 3,00,50,492/-based on Revised SoR 2010. Also water availability should be ensured before executing work.

*Item No. VII (4) Technology mission - ARWSS to Azhiyur Village - Construction of 2.74 LL capacity OH tank at Karappakunnu – Tender*

**Res. No. 9266** The Authority discussed the matter in detail and resolved to approve the lowest offer for the work of “Technology mission - ARWSS to Azhiyur Village - Construction of 2.74 LL capacity OH tank at Karappakunnu”, received from the single tenderer M/s. Uralungal Labour Contract Co-Operative Society Ltd., Madappally college P.O., Vadakara, Kozhikode at ₹ 74,07,190/- ie @ 32.13% above tendered PAC of ₹ 56,06,086/- (based on revised SoR 2010) and 10.24% above estimated PAC of ₹67,18,944/- based on 2012 SoR. The Authority noted that this work is re-arranged at the risk and cost of Sri. V. P. Abdul Azzes, Aluva. He executed the agreement and did not start the work. Hence the Authority resolved to recover the cost from the contractor Sri. V. P. Abdul Azeez and to blacklist him.

*Item No. VII (5) SPAN – NABARD Assisted WSS to Cheekode and adjoining villages – Construction, trial run, Commissioning and maintenance of 41MLD water treatment plant (Rapid sand filter) and allied structures – Balance work –Tender*

**Res. No. 9267** The Authority discussed the matter in detail and resolved to award the work of “SPAN – NABARD Assisted WSS to Cheekode and adjoining villages – Construction, trial run, Commissioning and maintenance of 41MLD water treatment plant (Rapid sand filter) and allied structures – Balance work”, received from the lowest tenderer M/s. Navin Construction Corporation, Kochi is ₹ 5,84,65,591/- which is 7.56% above the tendered PAC of ₹ 5,43,57,146/- based on revised SoR 2010. The Chief Engineer (NR) shall ensure that all formalities for risk and cost arrangement including forfeiture of security amount of the previous tenderer shall be completed before awarding the work. The work shall also include construction of the compound wall as envisaged in the scope of work and as specified in the estimate. Necessary willingness/undertaking from the contractor shall be obtained to this effect.

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*Item No. VII (6) SAARK -WSS to Belur and adjoining villages in Hosdurg Taluk of Kasargode District - Package II – Supplying, laying, testing and commissioning of raw water pumping main between Intake well cum pump house and Treatment plant, clear water pumping main between GL reservoir at Treatment plant at Ayrode and GL reservoir at Kodom, clear water gravity main between GL reservoir at Kodom and Porkalam and supplying and laying of distribution system for zone II – Tender*

**Res. No. 9268** The Authority discussed the matter in detail and resolved to award the work of “Supplying, laying, testing and commissioning of raw water pumping main between Intake well cum pump house and Treatment plant, clear water pumping main between GL reservoir at Treatment plant at Ayrode and GL reservoir at Kodom, clear water gravity main between GL reservoir at Kodom and Porkalam and supplying and laying of distribution system for zone II” for SAARK -WSS to Belur and adjoining villages in Hosdurg Taluk of Kasargode District - Package II to the single tenderer Sri.C.M Abdul Khader, Kasargod at the estimate rate of ₹ 5,26,38,044/- based on SoR 2012, if he is willing to do the work, otherwise to retender the work with SoR 2012. Necessary valves and other pipe specials for future maintenance shall be supplied as per the NIT.

*Item No. VII (7) NABARD-RIDF XVI-Replacement of Obsolete pumps and motors-CWSS to Sabarimala and Pamba (Appachimedu)-Supply, Erection and Commissioning of CF pumpset-Tender*

**Res. No. 9269** The Authority discussed the matter in detail and resolved to award the work of “NABARD-RIDF XVI-Replacement of Obsolete pumps and motors-CWSS to Sabarimala and Pamba (Appachimedu)-Supply, Erection and Commissioning of CF pumpset”, to M/s Aswathy Agencies at Rs. 23,50,000/- which is 12.12 % above estimate rate of Rs.20,95,011 arrived at without considering 10 % C.P and 5% overhead charges on cost of extended warranty.

The Authority also directed that while awarding the work the tendering authority shall ensure that no duplication of works /components occurs with the already awarded work of “CWSS to Sabarimala and Pamba-Supplying and laying 300 mm DI K9 (3729 m) & 300 mm MS pipes (200m) for CWPM from intake pump house to Saramkuthy GLSR including supply and erection of pumpsets, pressure filter etc.”

*Item No. VII (8) CWSS to Kunnummal and adjoining villages – Renovation of Intake well – cum pump house at Kuttiadykadavu – Tender*

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**Res. No. 9270** The Authority discussed the matter in detail and resolved to award to the lowest offer for the work of "CWSS to Kunnummal and adjoining villages – Renovation of Intake well – cum pump house at Kuttiadykadavu", received from the lowest tenderer Sri.K.Rameshan, Kedharam, KSHB Colony, Malapamba, Kozhikode at his negotiated quoted amount of ₹ 26,28,211/-, which is 31.29 % above the tendered PAC of ₹ 20,01,811/- (Revised SoR 2010), and within the estimate PAC of ₹ 26,28,216/-based on 2012 SoR

*Item No. VII (9) SPAN - RWSS to Elampalloor - Punukkannoorchira - Revised AS*

**Res. No. 9271** The Authority discussed the matter in detail and resolved to accord sanction to the revised estimate amount of ₹ 458.03lakhs which works out to 32.37% above original estimate amount of ₹ 346 lakhs

*Item No. VII (10) NABARD – RIDF – XVI – Replacement / Rehabilitation of obsolete pump sets and motors– Supply, erection testing and commissioning of 5 nos of VT pump sets and accessories with electromagnetic flow-meter under PH Division, Edappal – Tender*

**Res. No. 9272** The Authority discussed the matter in detail and resolved to approve the lowest offer for the work of "NABARD – RIDF – XVI – Replacement / Rehabilitation of obsolete pump sets and motors– Supply, erection testing and commissioning of 5 nos of VT pump sets and accessories with electromagnetic flow-meter under PH Division, Edappal", received from the lowest tenderer M/s.GKS & Company, D No.14/674 (3), AMA complex, Kalmandapam, Palakkad, at the reduced quoted amount of ₹ 86,88,000/-, which is 26.61% above the revised tendered PAC of ₹ 68,62,250/- (1 flow meter in each pump house) and 18.93% above revised estimate PAC of ₹ 73,05,383/- (based on latest Circular). It is also resolved to number the pumps and keep a register at Division level for verification

*Item No. VII (11) WSS to Palakkad – Scheme code – 19 – Replacement of old and damaged pipe line – Phase I – Replacing the 700mm Premo DI K9 pipe supplying, laying, testing, commissioning and maintenance of 700mm DI K9 pipe including interlinking–Tender*

**Res. No. 9273** The Authority discussed the matter in detail and resolved to approve the offer of the single tenderer Sri. Paulose Abraham, Njattumkalyil House, Kadayiruppu P.O., Kolenchery for an amount of ₹ 2,79,99,500/- which is at an overall excess of 13.66% above tendered PAC of ₹ 2,46,34,111/- (including maintenance charges) and 7.17% below the estimate PAC of ₹

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**3,01,61,649 as per 2012 SoR. DI K9 pipe specials shall only be used, as far as possible.**

*Item No. VII (12) SAARK - WSS to Belur and adjoining Villages in Hosdurg Taluk of Kasargode District - Package III – Supplying, laying, testing and commissioning of clear water pumping main between GL reservoir at Porkalam and GL reservoir at Mukkuzhy, clear water gravity main between GL reservoir for zone III at Mukkuzhy and GL reservoir for zone VI, Supplying and laying distribution system for zone I, III, VI and VIII, construction of 1.00 lakh litre capacity GL reservoir at Mukkuzhy, construction of 1.6 lakh litre capacity GL reservoir at Mukkuzhy, construction of pump house for the existing GL reservoir at Porkalam and protection works and approach road for existing Intake Well Cum Pump House – Tender - Sanction accorded–Ratification*

**Res. No. 9274** The Authority discussed the matter in detail and **resolved to ratify the action of Managing Director, KWA in sanctioning and awarding the subject work to the single tenderer Sri. P.K Baburaj, Kannur at his quoted amount of ₹ 2,39,38,748/- which is at 0.85% below the tendered PAC of ₹ 2,41,44,809/- based on Revised SoR 2010**

*Item No. VII (13) Disaster Management – UWSS to Nedumangad – compensation for the damages caused due to pipe burst at Pathankallu*

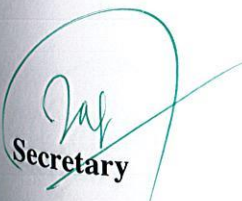
**Res. No. 9275** The Authority discussed the matter in detail and **resolved to ratify the action of Managing Director in according sanction to release an amount of ₹ 50,000/- to Smt. Fathima Beevi, Roadarikathu veedu, Pathamkallu as financial assistance/ compensation against the damages caused to the residence of the individual due to the pipe burst on 21/04/2012.**

*Item No. VII (14) Purchase of Alum on Running Contract basis for the year 2013 for treatment of water*

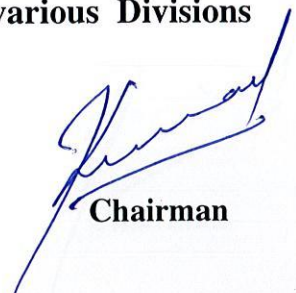
The Authority discussed the matter in detail and decided to wait for Government reply or else bring in next Board meeting.

*Item No. VII (15) Rate Contract for the supply of GI pipes*

**Res. No. 9276** After detailed discussion the Authority **resolved to cancel the subject tender and to release the EMD of the tenderer. The Authority also resolved to invite fresh tender without price variation clause for maintenance works of various Divisions after assessing their requirements**

  
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Item No. VII (16) *Rate contract for the supply of CI Specials*

**Res. No. 9277** The Authority discussed the matter in detail and **resolved to award the work to M/s. SILK who is lowest for 13 items and M/s. Hi-tech who is lowest for 8 items.**

Item No. VII (17) *Rate contract for supply of DI pipes- Supply Order – Cancelled*

**Res. No. 9278** The Authority discussed the matter in detail and **resolved to cancel the tender and refund EMD.**

Item No. VII (18) *JICA Assisted Kerala Water Supply Project – Kozhikkode Scheme – Transmission Main - Package 2B – Variation Approval*

**Res. No. 9279** The Authority discussed the variation proposals for Kozhikkode Transmission Main - Package II B as recommended by the High Level Technical Committee and **resolved to approve a net excess amounting to Rs. 27,178,149/- in addition to the previously approved variation of Rs. 158,674,475/-, as per the following break up:**

Schedule	Description	BoQ Amount	Variation Already Approved	Variation to be Approved			Overall Excess/Savings
				Excess	Savings	Net	
P2	General Preliminaries and	60,174,689	21,622,845	0	-919,757	-919,757	20,703,088
P3	Plant Supply and Installation	118,077,349	8,514,032	6,071,965	-6,505,106	-433,142	9,049,042
P4	Provisional Sums	26,450,000	99,000,000	25,910,000	0	25,910,000	124,910,000
P5	Day works	1,845,953	0	170,745	-907,004	-736,259	-736,259
P 6.1	Treated water Transmission mains	949,838,018	22,537,908	64,849,797	-58,201,939	6,647,858	29,185,766
P 6.2	Telemetry Out Station buildings (19 Nos.) - Civil works	4,234,346	0	523,537	0	523,537	523,537
P 6.3	Rechlorination building (1No.) - Civil works	430,764	0	2,977	0	2,977	2,977
P 6.4	Pipe Bridges	15,244,573	5,383,103	941,686	-6,270,346	-5,328,661	54,442
P 6.5	Booster Pumping Station	1,952,365	1,229,499	126,422	-6,135	120,287	1,349,786
P 6.6	Staff housing Type-B1	2,431,847	207,088	603,157	0	603,157	810,244
<b>Total</b>		<b>1,180,679,904</b>	<b>158,674,475</b>	<b>99,691,258</b>	<b>-72,513,108</b>	<b>27,178,149</b>	<b>185,852,623</b>

The Authority also noted that the revised contract sum for the package including the present variation will be Rs. 1,366,532,528/- as noted below:

  
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Original BoQ	1,180,679,904
Variation already approved	158,674,475
Variation proposal now submitted	27,178,149
Total variation	185,852,624
Revised BoQ	1,366,532,528
% Of excess including excess in provisional sum	15.74%
% Of excess excluding excess in provisional sum	5.16%

*Item No. VII (19) JICA Assisted Kerala Water Supply Project – Kozhikode and adjoining villages –Package 2A – Formation of Kakkodi Flood Bank road in Kakkodi Grama Panchayath by Irrigation Department – Permission*

**Res. No. 9280** The Authority discussed the agenda item in detail and resolved to accord permission to the proposal of Kakkodi Grama Panchayath for formation of by-pass road by widening the Irrigation bund utilising KWA pipe line road as recommended by the High Level Technical Committee, subject to the following conditions :

- (i) The height of formation shall be restricted as per the revised design vide letter dated 24.12.2012 of Executive Engineer, Irrigation Division, Kozhikode, by keeping the height of filling as 1.50 m maximum measured from the top of the pipe except for 35 m from chainage 472 to 507.
- (ii) The Project Director, JICA Project, Kozhikode shall monitor the activities during the road formation and Executive Engineer, Irrigation Department and Panchayath Authorities shall follow the direction of the Project Director as regards the execution of work over the pipe line.
- (iii) The KWA shall have the right to close the road for traffic and excavate the road to carry out any necessary repairs and maintenance, as and when required.

*Item No. VII (20) JICA Assisted Kerala Water Supply Project –Cherthala Scheme – Distribution System – Laying 200 mm PVC and PE Distribution line in Thycattussery Village*

**Res. No. 9281** The Authority discussed the matter in detail and resolved to accept the recommendation of the High Level Technical Committee

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and to award the work to Sri. Roy Varghese at the negotiated amount of Rs. 5,36,674/- which is 8.96% above SoR 2012, as Ulavaippu area is inhabited by nearly 300 families and they face extreme scarcity of potable water at present.

*Item No. VII (21) KWA – JICA Assisted Kerala Water Supply Project –Cherthala Scheme – Package I – Laying of Raw Water Transmission Main – Restoration of road in Maravanthuruthu and Velloor Grama Panchayaths*

**Res. No. 9282** The Authority discussed the agenda item in detail and resolved to approve the proposal for remitting of Rs. 11 lakhs for the rectification of damaged roads in Maravanthuruthu Panchayath as per estimate based on SoR 2012, as recommended by the High Level Technical Committee and explore the possibility of recovering the amount from original contractor for poor quality work.

*Item No. VII (22) JICA Assisted Kerala Water Supply Project – Meenad and adjoining villages – Package 4 – Service Reservoirs – Extension of Time of Completion*

**Res. No. 9283** The Authority discussed the agenda item in detail and resolved to approve extension of time of completion of Package IV-Service Reservoirs works of Meenad Scheme upto 30.04.2011 without imposing liquidated damages, subject to the following conditions as recommended by the High Level Technical Committee. The Authority also resolved to know the reason for not imposing LD clause, while recommending the extension of completion time.

*Item No. VII (23) JICA Assisted Kerala Water Supply Project - Meenad Scheme - Package -I- Intake Works & Water Treatment Plant- Time extension and final variation*

**Res. No. 9284** The Authority discussed the agenda item in detail and resolved to approve the final variation for Package I - Meenad scheme as detailed below.

Schedule	Description	Excess (Savings)	Net Excess (Savings)
P2	<b>General &amp; Preliminaries</b>		
	Additional Manpower for 2 <sup>nd</sup> year of O & M	59,18,664	
	Reduction for lesser operating hours @ 23% for entire 24 months	(66,66,490)	
	Reduction in BOQ amount for payment of O & M charges upto	(1,39,233)	<b>(8,87,059)</b>

  
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	31.05.2013		
<b>P8</b>	<b>Raw Water Transmission Pipeline</b>		
8B.5	M.S. Pipe 1118 mm dia – 8.8 mm thick Savings for 117.52 mtrs @ Rs.23,256 less BOQ discount 2%) for pipes supplied but not laid	(26,78,384)	
8B.5(A)	M.S. Pipe 1118 mm dia – 8.8 mm thick (117.52 mtrs @ Rs.23,256 less BOQ discount 2%) for pipes supplies but not laid – payment at 60%	16,07,031	(10,71,354)
	<b>Overall variation</b>		<b>(19,58,413)</b>

The Authority noted that considering the variations previously approved for the work, the final status will be as follows:

Original BoQ	Rs. 685,999,658/-
Revised BoQ as per previous approval	Rs. 707,176,368/-
Revised BoQ after the present variation	Rs. 705,217,955/-

The Authority also resolved to approve the extension of time of completion of the Package I works upto 31.05.2011 subject to the following conditions.

1. Liquidated damages of Rs. 57.22 Lakhs shall be levied on the contractor and the Bank Guarantee of Rs. 2.53 Crores towards contract completion shall be released.
2. M/s.KBL shall not seek any time related claims and there shall not be any additional financial burden to KWA on account of the extension of time.
3. There shall be no change in the amounts agreed as per Schedule P2 General & preliminaries.
4. All insurances & guarantees required under the contract shall be extended upto end of DLP by KBL at no additional cost to the Employer and proof of documents shall be furnished in this regard.
5. The price adjustment conditions as per original contract shall remain unaltered but the indices to be used shall be the indices as of 4/2008 or that on the actual date of execution of works after 30.4.2008 whichever is lower.

A supplementary agreement agreeing to the conditions and extension of the time shall be entered into immediately.

Item No. VII (24)

JICA Assisted Kerala Water Supply Project – Kozhikkode Scheme – Transmission Main – Package 2A – Variation Approval

  
Secretary

  
Managing Director

  
Chairman

**Res. No. 9285** The Authority discussed the variation proposals for Kozhikode Transmission Main - Package II A as recommended by the High Level Technical Committee and **resolved to approve the net variation amounting to Rs. 34,353,458/- in addition to the previously approved variation of Rs. 104,033,418/- as per the following break up.**

previously approved variation of Rs. 104,033,418/- as per the following break up.

Schedule	Description	BoQ Amount	Variation Already Approved	Variation to be Approved			Overall Excess/
				Excess	Savings	Net	
P2	General and Preliminaries	62,070,449	31,835,773	0	-844,502	-844,502	30,991,271
P3	Plant Supply and Installation	40,466,861	11,855,883	0	-10,969,014	-10,969,014	886,870
P4	Provisional Sums	27,450,000	49,352,443	63,700,984	-3,428,561	60,272,423	109,624,866
P5	Day works	1,659,776	0	536,563	-917,703	-381,140	-381,140
P 6.1	Treated water Transmission mains	1,348,751,718	8,190,974	52,678,468	-65,044,935	-12,300,956	-4,109,981
P 6.2	Telemetry Out Station buildings (7 Nos.) - Civil works	1,026,070	0	71,961	-321,476	-249,515	-249,515
P 6.3	Rechlorination building (2No.) - Civil works	841,491	860,066	178,195	-72,204	105,991	966,058
P 6.4	Pipe Bridges	17,585,954	1,938,278	1,111,406	-2,391,235	-1,279,829	658,449
<b>Total</b>		<b>1,499,852,321</b>	<b>104033418</b>	<b>118277577</b>	<b>-83989631</b>	<b>34353458</b>	<b>138,386,878</b>

The Authority also noted that the revised contract sum of the package including the present variation will be Rs. 1,638,239,197/-, as noted below:

Original BoQ	1,499,852,321
Variation already approved	104,033,418
Variation proposal now submitted	34,353,458
Total variation	138,386,876
Revised BoQ	1,638,239,197
% Of excess including excess in provisional sum	9.22%
% Of excess excluding excess in provisional sum	1.91%

Item No. VII (25) JICA Assisted Kerala Water Supply Project –Payment of Road Restoration Charges and Power charges for one year

  
Secretary

  
Managing Director

  
Chairman

**Res. No. 9286** The Authority discussed the agenda item in detail and resolved to approve the proposal for remittance of Rs. 13.75 Crores as power charges to KSEB for one year, and Rs. 23.50 Crores as road restoration charges to PWD/NH/KRFB for the pipe laying works along the roads under various contracts, to be adjusted against actual invoices in due course.

*Item No. VII (26) CWSS to Vithura and Tholicode villages – design, construction and commissioning of 9.7 mld capacity Water Treatment Plant at Vavupura – Tender*

**Res. No. 9287** The Authority discussed the matter in detail and resolved to award the work of “CWSS to Vithura and Tholicode villages – design, construction and commissioning of 9.7 mld capacity Water Treatment Plant at Vavupura” to the lowest tenderer M/s. Chicago Constructions International Pvt. Ltd., Chithira Lane, Sasthamangalam at their quoted amount Rs. 3,67,00,000/- which is 13.55 % above TPAC of Rs. 3,23,20,898/- based on revised SoR 2010, subject to the condition that the period of completion of the subject work to be 12 months from the date of award of work and the lowest tenderer to submit revised bar chart accordingly while placing the agreement.

*Item No. VII (27) Completion of ongoing UWSS – Special packages (SAARK) – WSS to Kuthuparamba Municipality – Laying distribution network in Kuthuparamba Municipality Zone II – Package 9 B – Tender*

**Res. No. 9288** The Authority discussed the matter in detail and resolved to award the work at 2012 SoR if the contractor willing to do and if not to re-tender the work. The Authority also noted that credit rating is furnished only by Sri. E.M. Poullose. Before awarding the work credit rating should be obtained from contractor Sri. E. V. Raju.

*Item No. VII (28) NABARD – RIDF - XVI – Replacement of obsolete pumps and motors – WSS to KTM and TWSS – Supply, erection, trial run and commissioning of Centrifugal pump sets with accessories at Kayal and Vandithadam pump houses – Tender*

**Res. No. 9289** The Authority discussed the matter in detail and resolved to award the work of “NABARD - RIDF - XVI - Replacement of obsolete pumps and motors - WSS to KTM and TWSS - Supply, erection, trial run and commissioning of Centrifugal pump sets with accessories at Kayal and Vandithadam pump houses” to M/s. Electro Mech Engineers, Pnayil Beena house, Vallakkadavu, Thiruvananthapuram at their negotiated percentage of 19.50% above tendered PAC of Rs. 10,10,100/- which is calculated to Rs. 12,07,070/-. Since it is a centrifugal pump set.

  
Secretary

  
Managing Director

  
Chairman

*Item No. VII (29) Development of Aruvikkara Dam site into a major Tourism Destination – Construction of parking area, stage, security cabin, toilet block, landscaping, etc. near the entrance of H.W.Divn., Aruvikkara – Tender*

**Res. No. 9290** The Authority discussed the matter in detail and resolved to award the work of “Development of Aruvikkara Dam site into a major Tourism Destination – Construction of parking area, stage, security cabin, toilet block, landscaping, etc. near the entrance of HW Division, Aruvikkara” to the lowest tenderer Sri. V. Prasannakumar, Varuvilakathu Veedu, Pothencode at the quoted rate provided Tourism Department is willing to pay the additional amount.

*Item No. VII (30) NRDWP – New CWSS to Panavoor Pullampara and Vembayam Panchayaths Balance work – Supplying, laying and commissioning of the distribution scheme in zone III and construction of 1.54LL capacity OHSR and compound wall at Kuttimoodu – Tender*

Deferred

*Item No. VII (31) CWSS to Thevalakkara and Thekkumbhagam Panchayath-Balance work-Part II - Construction of 10LL capacity OHSR at Panchayath Playground Thevalakkara-Tender*

Deferred

*Item No. VII (32) Improvements to RWSS to Lakkattoor- Demolishing the dilapidated OH tank near MGM School at Lakkattoor and constructing new OH tank of capacity 1.00 lakh litre near MGM school at Lakkattoor, maintenance of GL tank & pump house, changing the alignment of pumping main and distribution lines and replacing frequently bursting AC pipe line near Kottamangalam portion and at Shivaji road –Schedule Tender*

**Res. No. 9291** The Authority resolved to award the work of “Improvements to RWSS to Lakkattoor- Demolishing the dilapidated OH tank near MGM School at Lakkattoor and constructing new OH tank of capacity 1.00 lakh litre near MGM school at Lakkattoor, maintenance of GL tank & pump house, changing the alignment of pumping main and distribution lines and replacing frequently bursting AC pipe line near Kottamangalam portion and at Shivaji road” to the lone tenderer Sri. Kurian Joseph at his quoted amount of Rs. 30,39,123/- (27% above E/R of Rs. 14,44,979/- for working charges, ie. Rs. 18,35,123/- and Rs. 12,04,000/- for materials) which is 24.55% above (overall) TPAC of Rs. 24,40,000/- based

  
Secretary

  
Managing Director

  
Chairman

on revised SoR 2010 and 0.016% below (overall) the Revised estimate amount of Rs. 30,39,610/- based on SoR 2012.

Since the negotiated quoted amount of Rs. 30,39,123/- exceeds the Administrative sanction amount of Rs. 25 lakhs issued for the subject work by 21.56%, the Authority also direct to obtain Revised Administrative sanction for regularizing the same.

*Item No. VII (33) Rehabilitation scheme in operation in Kottayam Municipality-Improvements of KWSS – Supplying and laying 400mm DI K9 pipe for a length of 1220m near Thumbil bridge to Thiruvathukkal Junction in Kottayam Municipality Western Zone–Schedule Tender*

**Res. No. 9292** The Authority resolved to award the work of “Rehabilitation scheme in operation in Kottayam Municipality- Improvements of KWSS – Supplying and laying 400mm DI K9 pipe for a length of 1220m near Thumbil bridge to Thiruvathukkal Junction in Kottayam Municipality Western Zone” to the lowest tenderer Sri. R.Vinod Kumar, Koikkaaleth House, Adinadu (S), Kattilkadavu P.O, Karunagapally at his negotiated quoted amount of Rs. 77,48,503/- (working charges at Estimate rate of Rs. 9,18,493/- and Rs. 68,30,010/- for materials) which is 25.26% (overall) above TPAC of Rs. 61,85,965/- based on revised SoR 2010 and 7.54%(overall) below estimate PAC of Rs. 83,80,306/- based on SoR 2012.

*Item No. VII (34) ARWSS to Munnad, Bedadka and Kuttikole villages in Kasargod District – Design, Construction, Testing and Commissioning of 3 MLD Water Treatment Plant at Kollampana– Tender*

Deferred

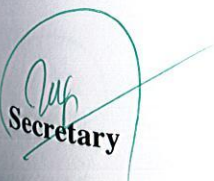
*Item No. VII (35) NRDWP – XVI - Augmentation of WSS to Kottappady - Supplying and Laying gravity main for Zone I and Distribution lines of Reach II in Zone II - Package II – Tender*


Deferred

*Item No. VII (36) NRDWP - XVI - Improvements of RWSS to Valakom - Construction of GL Tank of capacity 1.0 L.L. at Poovalankunnu and supplying and laying pumping main and distribution lines in Zone II - Package III – Tender*

Deferred

*Item No. VII (37) NRDWP – XVI - RWSS to Kavalangadu Panchayath and Ward No. 4 & 5 of Pallarimangalam Panchayath - Construction of GL Tank of capacity 50000 Litres at Menthandu in Zone II and supplying and laying clear water pumping main to Menthandu GL Tank Package I – Tender*

  
Secretary

  
Managing Director

  
Chairman

Deferred

*Item No. VII (38) NABARD – RIDF - XVI – Replacement of obsolete pumps and motors – Supply, erection, trial run and commissioning of centrifugal pumpsets with accessories – RWSS to Kunnathukal, Karichal, Athiyannoor, Pulinkudy, Uchakkada – 2, numbers and Venganoor under Water Supply Division, Neyyattinkara – Tender*

**Res. No. 9293** The Authority discussed the matter in detail and resolved to award the work of “NABARD – RIDF - XVI – Replacement of obsolete pumps and motors – Supply, erection, trial run and commissioning of centrifugal pumpsets with accessories – RWSS to Kunnathukal, Karichal, Athiyannoor, Pulinkudy, Uchakkada – 2, numbers and Venganoor under Water Supply Division, Neyyattinkara” to the lowest tenderer M/s Nirman Electricals, TVPM for Rs. 44,43,120/- with a percentage excess of 16.65% above tendered PAC of Rs. 38,09,000/- subject to the condition that after erection, duty point discharge is to be verified with flow meter.

*Item No. VII (39) NRDWP – XVI – SLSSC – 2011 - CWSS to Peringottukurussi and Kuthannur Pachayath in Alathur Taluk in Palakkad District – Package I – Renovation of existing intake well and associated structure, Design, construction, trial running, commissioning and maintenance of 4.50 mld Water Treatment Plant & 7.50 LL OHSR, Supplying, laying, testing commissioning and maintenance of 300mm DI RWPM and 200mm DI CWPM and distribution system using PVC, DI & GI pipe of various size from 400mm to 20mm in Peringottukurussi Panchayath, Design, Supply, erection, commissioning and maintenance of pump sets and transformers etc – Tender*

**Res. No. 9294** The Authority discussed the matter in detail and resolved to approve the offer of the lowest tenderer M/s. Chicago Construction International (Pvt) Ltd, Chithira Lane, Kochar road, Sasthamangalam, TVPM for his quoted amount of ₹ 9,82,33,321/- which is at an overall excess of 7.21% above the tendered PAC of ₹ 9,16,23,031/- including maintenance charges (8.29% above tendered PAC of ₹ 9,07,11,085/- excluding maintenance charges) based on revised 2010 SoR. Detailed measurements shall be taken before making payment. Pumps, transformers and all other equipments/accessories shall be of reputed and approved make. The Specification, Make and Model No. shall be got approved before executing the agreement.

  
Secretary

  
Managing Director

  
Chairman

*Item No. VII (40) Review of billing and Collection for the month of November 2012*  
Deferred

*Item No. VII (41) Arbitration Awards in AR 53, 54 and 55 of 2006 - Petition filing before the Hon'ble District Court, Thiruvananthapuram to set aside the awards*

**Res. No. 9295** The Authority discussed the matter and resolved to appoint **Adv. R. Kunjkrishnan Potti** as Counsel of KWA for filing application to set aside the awards in AR.53, 54 and 55 of 2006 in District Court Thiruvananthapuram as special engagement by fixing the Advocate fee at Rs. 20,000/- each including the clerical expenses for every petition to be filed to set aside the awards. 50% of the amount may be paid at the time of filing the petitions and 50% at the time of hearing.

*Item No. VII (42) Judgment of the Hon'ble High Court in WPC.No.34542 of 2004 filed by Sri.Gangadharan.K-Compliance of Judgment*

**Res. No. 9296** The Authority after discussion concluded that since there is no scope for appeal against the judgment. Hence the Authority resolved to comply with the judgment and recommended for correcting the mistake in the Government Order.

*Item No. VII (43) Factories and Boilers-Engagement of Senior Advocate Adv.P.Vijaya Bhanu- Advocate fee*

**Res. No. 9297** The Authority resolved to sanction an amount of Rs.75000/- as legal fee to Adv.Vijayabhanu. Senior advocate for his service rendered in the 4 Cr MC's filed by Kerala Water Authority before Hon'ble High Court of Kerala as per the order issued from the Kerala Water Authority.

*Item No. VII (44) Advocate fee - Special Leave Petition ©No.18343/2011 - Adv.Ramesh Babu*

**Res. No. 9298** The Authority resolved to sanction an amount of Rs.59,500/- (Rupees fifty nine thousand five hundred only) as legal fee to Adv.Ramesh Babu for his engagement as counsel for defending the S.L.P No.18343/2011 in the Hon'ble Supreme Court of India.

*Item No. VII (45) Regularisation of Smt.D.Sathy, Sri.J.S.Balaraman and Sri.P.Govindan as per Honourable Supreme Court Judgment dated 19.09.1990 - review of order dated 03.01.2007*

**Res. No. 9299** The Authority discussed the agenda in detail and resolved to issue a corrected order.

  
Secretary

  
Managing Director

  
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*Item No. VII (46) Extending benefit of Hon'ble High Court judgment in O.P.No.24590/98 to NMR hands regularized vide G.O.(MS)No.53/2005/WRD dated, 21.10.2005*

The item discussed in the absence of Finance Secretary. Place in next Authority meeting.

*Item No. VII (47) Absorption of Remaining NMR hands into regular establishment*

The item discussed in the absence of Finance Secretary. Place in next Authority meeting.

*Item No. VII (48) Request for participating in Exhibition in connection with the "Uthralikavu Pooram" in Thrissur*

**Res. No. 9300** After detailed discussion the Authority **resolved to ratify the action of the Managing Director.**

*Item No. VII (49) NRDWP - XVI - Improvements of RWSS to Valakom - Improvements of existing intake well and supplying and laying raw water pumping main and distribution lines in Zone I - Package II - Tender*

Deferred

*Item No. VII (50) NRDWP - XVI - Improvements of RWSS to Valakom - Construction of GL Tank of capacity 2.0 L.L. at Rakkadu and supplying and laying gravity main and distribution lines in Zone III - Package IV - Tender*

Deferred

*Item No. VII (51) ARWSS to Nooranadu, Chunakkara and Palamel Villages - Phase II - supplying and laying clear water pumping main by using 200mm DI K-9, 5190m from common point at Padanilam to GL tank at Mattappallymala and construction of 8.25 LL capacity GLSR at Mattappallymala- Package -II - Tender*

Deferred

*Item No. VII (52) TRP details - Note*

Noted.

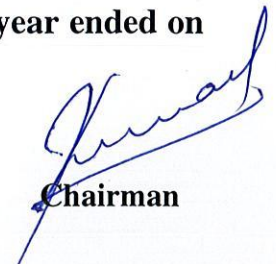
*Item No. VII (53) Annual Accounts for the year 2008-09*

**Res. No. 9301**

- The Authority discussed the agenda and
- Resolved to approve the Balance Sheet as at 31<sup>st</sup> March, 2009 and Income and Expenditure for the year ended on that date along with the Notes thereto.**

  
Secretary

  
Managing Director

  
Chairman

2. **Resolved further to authorize the Managing Director to make necessary corrections and modifications in the Accounts for the year 2008-09 wherever required by the Accountant General. And to submit AG for audit.**

*Item No. VII (54) JICA Assisted Kerala Water Supply Project – Thiruvananthapuram – Package V – Rehabilitation works – Acceptance of bid*

**Res. No. 9302** The Authority discussed the matter in detail and **resolved to place the tender before the Empowered Committee.**

  
Secretary

  
Managing Director

  
Chairman