

MOST IMMEDIATE

No. 7(35)/2015-AEI(8406)-Vol.II
Government of India
Ministry of Heavy Industries & Public Enterprises
Department of Heavy Industry
(AEI Section)

Udyog Bhavan, New Delhi-110011
Dated the 19th February, 2016.

To,

As per list attached.

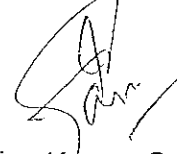
Subject: Minutes of the 4th Meeting of the Project Implementation and Sanctioning Committee (PISC) under FAME – India Scheme held on 22.01.2016 at 3.00 PM in Udyog Bhavan, New Delhi under the Chairmanship of Secretary (DHI) – regarding.

Sir/Madam,

I am directed to forward herewith a copy of the Minutes of the 4th Meeting of the Project Implementation and Sanctioning Committee (PISC), under FAME-India Scheme, held on 22.01.2016 at 3.00 PM in Udyog Bhavan, New Delhi under the Chairmanship of Secretary, Department of Heavy Industry for information and necessary action.

Yours faithfully,

Encls: As above



(Ajay Kumar Gaur)
Under Secretary to the Govt. of India
Tel: 011-23061340

Copy to:

- (i) PSO to SHI;
- (ii) PS to AS & FA(DHI)
- (iii) PS to JS(RKS)
- (iv) PS to JS(MoRTH)
- (v) Member (R&D), DST
- (vi) PS to Director (Auto)

List of Participants

(PISC Meeting held on 22.01.2016)

Members/Officials:

1. Dr. Rajan S. Katoch, Secretary(HI) - In Chair
2. Shri S.K. Bahri, AS&FA(DHI)
3. Shri R.K. Singh, Joint Secretary(DHI)
4. Shri Abhay Damle, Joint Secretary, MoRTH
5. Shri Pravin Agrawal, Director(Auto)
6. Shri Sajid Mubashir, Member (R&D) DST
7. Shri A.K. Gaur, US(DHI)
8. Shri R.P. Sharma, Consultant(NAB)

Invitees:

9. Shri Ashok Tewari, MD(HRTC)
10. Shri H.K. Gupta, GM (HRTC)
11. Shri Anand Deshpande, ARAI, Pune
12. Shri Pavan Sachdeva, Mahindra & Mahindra
13. Shri Saurbh Rohilla, SIAM
14. Shri Prashant Patil, Sunil Hittech Eng. Ltd.
15. Shri Priyank Dahanukar, Sunit Hitech
16. Shri R.K. Gupta, GM (REIL)
17. Ms. Aditi Mitra Ghosh, Climate Group.

Government of India
Ministry of Heavy Industries & Public Enterprises
Department of Heavy Industry

Udyog Bhavan, New Delhi-110011
Dated the 19th February, 2016.

**MINUTES OF THE 4th PROJECT IMPLEMENTATION AND SANCTIONING
COMMITTEE (PISC) MEETING HELD ON 22ND JANUARY, 2016 UNDER THE
CHAIRMANSHIP OF SECRETARY, DHI**

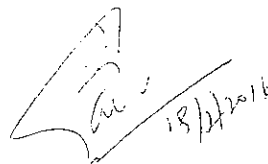
AGENDA ITEM-1: Ratification of the Minutes of 3rd PISC Meeting.

Minutes of 3rd Project Implementation and Sanctioning Committee (PISC) Meeting held on 4th December, 2015 placed before the Committee were ratified by the PISC.

**AGENDA ITEM-2 & 3: Action Taken Report (ATR) on the decisions taken in the
1st, 2nd and 3rd PISC Meeting.**

A presentation of the Action Taken Report (ATR) on the decisions taken in the 1st, 2nd and 3rd Project Implementation and Sanctioning Committee (PISC) Meetings held on 13th May, 2015, 20th August, 2015 and 4th December, 2015 respectively was made by Director (Auto)-Member Secretary (PISC). The details of observations made by PISC are as under:

- (i) As per PISC approval in the 1st Meeting held on 13th May, 2015, Rs. 15 lakh has been released to ARAI, Pune for preparation for specifications and finalising draft standards of xEV Charging Stations. PISC decided that Technology Platform for Electric Mobility (TPEM) to coordinate with ARAI for early completion of project and ARAI to submit the progress report by 31st March, 2016.
- (ii) PISC had approved on 13th May, 2015 the project on Development of EV 2 wheeler kit at the total cost of Rs. 563.5 lakhs under technology platform for the consortium of IIT Madras and Lucas TVS through NAB. It was decided that since there is shortage of funds for the purpose under FAME India, the proposal may be considered for financing under Auto Cess Fund. Further, since no technical persons are posted in NAB, funds may be released directly to IIT Madras as & when the proposal is cleared by the sanctioning authority.
- (iii) A project for advanced Gen IV lead acid battery and Gen. Nickel-zinc battery for EVs approved by PISC on 20.08.2015 for NFTDC, Hyderabad, for which funds are yet to be released. PISC desired that Technology Platform for Electric Mobility (TPEM) to coordinate and develop a monitoring system for this project, and recommend the milestones for phased release of funds.
- (iv) The Signage approved by PISC in its meeting held on 04.12.2015 may be circulated to all concerned for finalization of the same at the earliest.


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- (v) It was also decided that in respect of all approved items in last meetings, a reminder for submission of revised proposal as advised by PISC may be issued and a 15 days time limit for receipt of proposal set, failing which the proposal may be treated as closed.
- (vi) Information of Vehicle wise sales data under FAME India Scheme up-to December, 2015 and its geographical distribution may be submitted for the information of AS & FA and Secretary, DHI monthly by the 10th of every month.

AGENDA ITEM-4(a): Proposal for seeking ex-post facto approval of PISC.

PISC accorded ex-post-facto approval for incurring an expenditure of Rs. 40.00 lakh for releasing payment to SIAM for execution of FAME ECO Drive events/rallies on behalf of DHI at Delhi (26.11.2015), Jaipur (30.11.2015) and Chandigarh (07.12.2015).

AGENDA ITEM-4(b) : Proposal for seeking ex-post facto approval of PISC.

PISC accorded ex-post-facto approval for hiring of one demonstration Mahindra eVerito vehicle for the use of DHI from M/s Mahindra & Mahindra Ltd., on lease basis, without Driver, at monthly charges of Rs.15000/- plus taxes as applicable for an initial period of one year under the pilot project of FAME-India Scheme. The lease amount will be released annually by the Ministry after receipt of pre-receipted bill.

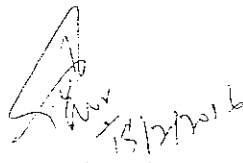
AGENDA ITEM-5(a) : Proposal for xEV1.

As advised in the third meeting of PISC, ARAI, SIAM and Consortium of OEMs submitted a revised proposal before PISC. Based on the recommendations of the Screening Committee, PISC approved the proposal with the caveat that the share released by the consortium of OEMs ought to match share of DHI approximately as per funding plan, and there should be common accounting system for entire funding to be managed by ARAI. The project will be monitored by TPDM.

AGENDA ITEM-6(a): Proposal of M/s. SunilHITECH Engineers Ltd., Mumbai.

M/s. Sunil Hi Tech Engineers Ltd. (SHEL), Mumbai have submitted their Pilot Project for conversion of used bus to full Electric. SHEL has stated that it has developed a cost effective solution of Retrofitting Used Buses with its Electric Drive train and Battery Management System to convert them into an 'All Electric' Bus. The organization is executing a Pilot project for conversion of 'On Road' buses to Full Electric. SHEL propose to jointly undertake the Pilot for retrofitting of buses to full electric jointly with the MoRTH and CIRT. The organization has requested for financial support of Rs. 408.60 lakhs for the Pilot Project.

As per the recommendations of Screening Committee, PISC appreciated the pilot proposal of M/s. Sunil Hi Tech Engineers Ltd. (SHEL), Mumbai for conversion of used bus to full Electric retrofitment and desired that stakeholders like Nagpur Municipal Corporation, being user of buses, and CIRT, being the testing agency, be on board for this project. Accordingly, a revised proposal may be submitted by the user agency i.e. Nagpur Municipal Corporation.


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AGENDA ITEM-6(b): Proposal of H.P. City Transport & Bus Stands Management & Development Authority, Shimla (HP)

H.P. City Transport & Bus Stands Management & Development Authority, Shimla (HP) have submitted a proposal for providing 50 battery operated maxi-cabs under FAME-India scheme as a pilot project to provide end to end connectivity. HP Govt. requested DHI to consider and provide funding to this pilot project of operating 50 maxi-cabs with total cost of approximately Rs. 6.30 crore, in the ratio of 90:10 enabling the State to take a lead in introduction of electric busses/maxi-cab and transforming public transport infrastructure in Himachal Pradesh.

As per the recommendation of Screening Committee, PISC approved the proposal of H.P. City Transport & Bus Stands Management & Development Authority, Shimla (HP) for providing 50 battery operated maxi-cabs under FAME-India scheme as a pilot project to provide end to end connectivity with 90:10 funding as applicable to special category states and separate charging station to be funded by DHI.

Since for these buses, 90% cost is to be shared by DHI, no separate demand incentive as applicable under FAME India scheme will be paid to OEMs to avoid double incentivisation for same vehicles. HP Government to place requisition for financial support upon placing supply order, after following transparent procurement procedures.

AGENDA ITEM-6(c): Proposal of M/s. Climate Group, Nehru Place, New Delhi.

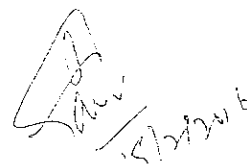
The proposal of M/s. Climate Group, for the project "Capacity building of Indian States on accelerated deployment of Electric/Hybrid vehicles", was considered by PISC. The Committee did not find it suitable for consideration under FAME India Scheme.

AGENDA ITEM-6(d): Guidelines for procurement of Electric Bus under Pilot Project of FAME – India Scheme.

The proposal submitted by various State Transport Corporations for sponsoring 2 Nos. Electric Busses each under FAME-India Scheme was considered in 3rd Meeting of PISC. PISC advised that DHI in consultation with ASRTU may finalize the framework for pilot projects on electric buses.

Accordingly, DHI has formulated the framework for 'Financing Scheme for E-Bus under Pilot Project of FAME-India Scheme'. With this scheme DHI proposes to consider initially 50 buses under pilot project by way of funding 75% costs of bus subject to maximum of Rs. 1.5 crore. Scheme will be open to all State Transport Corporations and Urban Municipal corporations.

While according the in-principle approval, PISC asked to issue guidelines with the approval of competent authority on file.


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AGENDA ITEM-6(e): Pilot proposal for introduction of Electric Vehicles in Govt. Fleet.

PISC advised that DHI explore the possibility of hiring of pure Electric Vehicles in Government departments. A beginning may be made by Deptt. of Heavy Industry, which could then score as guidance for other Departments.

Additional AGENDA ITEM: Proposal for Electric Vehicle (EV) Charging Station of Rajasthan Electronics & Instruments Ltd., (REIL) Jaipur.

As approved by PISC in its 3rd Meeting, REIL has submitted a proposal for setting up of 200 chargers in the cities of Delhi, Jaipur and Chandigarh. The proposal comprises of two Sections i.e. (i) Technical Proposal and (ii) Financial Proposal. The total cost of the project involved is Rs. 659.80 lakhs.

As proposed by Screening Committee, REIL has submitted revised proposal for consideration of PISC. The proposal of REIL was discussed by PISC and the proposal was found to be incomplete in many respects and therefore, REIL was advised to fill up the blanks pointed out in the meeting. PISC also decided that REIL will complete all paper work within 5 days for EV charging Station at 15 Metro Station and 5 other locations and bring it before the next PISC meeting.

The meeting ended with a Vote of thanks to the Chair.

Handwritten signature and date: 13/12/2016