



उच्च प्रौद्योगिकी केन्द्र

(पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय, भारत सरकार)

Centre for High Technology

(Ministry of Petroleum & Natural Gas, Govt. of India)

CHT/EC/997

20th March 2015

सेवा में / To,

कार्यकारी समिति के सभी सदस्यगण (संलग्न सूची अनुसार)

All Members of the Executive Committee of CHT (As per list enclosed)

महोदय / Dear Sir,

विषय : उच्च प्रौद्योगिकी केन्द्र की 17वीं कार्यकारी समिति का कार्यवृत्त

Sub.: Minutes of 17th Meeting of the Executive Committee (EC) of CHT.

दिनांक 23 फरवरी, 2015 को पेट्रोलियम और प्राकृतिक गैस मंत्रालय, शास्त्री भवन, नई दिल्ली में संयुक्त सचिव रिफाइनरीज की अध्यक्षता में हुई उच्च प्रौद्योगिकी केन्द्र की 17वीं कार्यकारी समिति का अनुमोदित कार्यवृत्त आपकी सूचनार्थ एवं आवश्यक कार्रवाई हेतु संलग्न है।

Please find enclosed the duly approved Minutes of 17th Meeting of the Executive Committee (EC) of CHT held on 23rd February 2015 at MoP&NG, Shastri Bhavan, New Delhi under the Chairmanship of Joint Secretary (R), MoP&NG, for kind information and necessary action.

सादर,

With kind regards,

भवदीय,


Yours sincerely,

बी.डी. घोष

(बी.डी. घोष)

कार्यकारी निदेशक

पदेन सचिव, कार्यकारी समिति - उ.प्रौ.के.

 (B.D. Ghosh)
Executive Director

Member-Secretary, Executive Committee - CHT

संलग्न : यथोक्त

Encl: As Above

सूचनार्थ प्रतिलिपि :

Copy for information to:

संयुक्त सचिव (रिफाइनरीज), पेट्रोलियम और प्राकृतिक गैस मंत्रालय के निजी सचिव

PS to Joint Secretary (Refineries), MoP&NG

श्री पवन कुमार, अवर सचिव (रिफाइनरीज),

Shri Pawan Kumar, Under Secretary (R), MoP&NG

ओ.आई.डी.बी. भवन, टॉवर ए, 9वां तल, प्लॉट नंबर 2, सेक्टर 73, नोएडा-201307 (उ. प्र.)

OIDB Bhawan, Tower "A", 9th Floor, Plot No. 2, Sector-73, Noida - 201307 (U. P.)

Tel. : 0120-2593780/1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219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Members of the Executive Committee of CHT

1. Shri Sandeep Poundrik,
Joint Secretary (Refineries),
Ministry of Petroleum & Natural Gas,
Shastri Bhavan,
New Delhi – 110 001
2. Ms Perin Devi,
Director (R&A and CA),
Ministry Of Petroleum & Natural Gas,
Shastri Bhawan,
New Delhi – 110 001
3. Shri L. N. Gupta,
Secretary,
Oil Industry Development Board,
OIDB Bhawan,
Plot No. 2, Sector-73,
NOIDA – 201 301
4. Shri Sanjiv Singh,
Director (Refineries),
Indian Oil Corporation Ltd.,
SCOPE Complex,
5th Floor, Core-2,
Lodhi Road,
New Delhi – 110 003
5. Shri B. K. Datta,
Director (Refineries),
Bharat Petroleum Corporation Ltd.,
Bharat Bhawan,
4&5 Currimbhoy Road,
Ballard Estate,
P.B. No. 688,
Mumbai – 400 001
6. Shri B. K. Namdeo,
Director (Refineries),
Hindustan Petroleum Corporation Ltd.,
17, Jamshedji Tata Road,
P.O. Box No. 11041,
Mumbai – 400 020

7. Shri M. Ravindran,
Director (BD),
GAIL India Limited,
16, Bhikaiji Cama Place,
R.K. Puram
New Delhi – 110 066
8. Dr. M. O. Garg,
Director,
Indian Institute of Petroleum,
P.O. Mohkampur,
Dehradun – 248 005
9. Shri Ajay N. Deshpande,
Director (Technical),
El Bhawan,
Engineers India Limited,
1, Bhikaiji Cama Place,
New Delhi – 110 066
10. Shri Gautam Roy,
Managing Director,
Chennai Petroleum Corporation Ltd.
536, Anna Salai,
Teynampet,
Chennai – 600 018
11. Shri H. Kumar,
Managing Director,
Mangalore Refinery & Petrochemicals Ltd.,
Regd. Office: Kuthethoor,
P.O. Via Katipalla,
Mangalore – 575 030
12. Shri P. Padmanabhan,
Managing Director,
Numaligarh Refinery Limited,
6th Floor, Tolstoy House,
15 – 17, Tolstoy Marg,
New Delhi – 110 001
13. Shri B. D. Ghosh,
Executive Director / Member – Secretary, Governing Council,
Centre for High Technology,
9th Floor, Tower-A, OIDB Bhawan,
Plot no. 2, Sector-73,
NOIDA – 201 301

Minutes of the 17th Meeting of the Executive Committee (EC) of Centre for High Technology (CHT) held on 23rd February 2015 in the Conference Room, MoP&NG, Shastri Bhawan, New Delhi

1. 17th Meeting of the Executive Committee (EC) of the Centre for High Technology (CHT) was held on 23rd February 2015 at 03.00 PM in the Conference Room, MoP&NG, Shastri Bhawan, New Delhi under the Chairmanship of Shri. Sandeep Poundrik, Joint Secretary (Refineries), MoP&NG. The list of participants is annexed. There was no representative from IIP.

Shri B D Ghosh, Executive Director, CHT and Member Secretary of the EC welcomed the members of the EC and other participants to the meeting.

2. Presentation on the Agenda points was made by Director, CHT for initiating discussions. The following points emerged out of the discussions:

2.1 Approval of offer received from M/s Solomon Associates for participation in Benchmarking for 2014 and 2016 cycle as advised by the Governing Council (GC) of CHT

ED-CHT informed that based on the in-principle approval accorded by 32nd Governing Council (GC), an offer was obtained from Solomon Associates (SA) for performance benchmarking study for 2014 and 2016 cycle. The SA offer negotiated @US\$890,000 (net of taxes) on similar terms & conditions for the new study for participating in Performance Benchmarking study included 15 PSU fuel refineries and 4 lube refineries.

He further informed that 16th EC meeting of CHT had approved the offer of benchmarking but as the total amount was exceeding the delegated powers of EC of Rs.5.0 crore, it had asked to take approval of GC. GC in its 33rd meeting held on 26.11.2014 has since enhanced the delegation of powers Executive Committee of CHT from Rs.5.0 crore to Rs.15.0 crore. It was also stated that concurrence of the EC members, by circulation, had been sought earlier based on the enhanced powers to expedite placement of order on SA and participation in the proposed study cycles 2014 and 2016. Approval had been received from all EC members, except OI&B who desired that the proposal be discussed in a regular meeting.

During the discussions, members while advocating for the proposed study agreed that the study has been helpful in identifying the gaps and areas of improvement and should be continued for 2014 and 2016. However, it was observed that the earlier agreement

did not contain any clause related to repeat order which could have been explored for placing the order on SA for new study cycles.

In view of the above, Executive Committee advised CHT to initiate the selection of Consultant afresh through tendering route for undertaking the Performance Benchmarking study with 50:50 contribution from Oil companies and OADB in line with earlier study cycles of 2010 & 2012 and revert to EC for final approval.

2.2 Utilization of services and extension of Technical Services Agreement (TSA) entered with M/s Shell GSI, Netherlands (SGSI)

ED-CHT informed that the current TSA contract with SGSI is for two years with a provision to extend it by one more year with mutual agreement. He indicated that the 2000 Fixed Fee man-hours available for 2 year period are likely to exceed in view of 'more than allocated' utilization by the participating members. So far, 1594 man-hours were utilized and 796 man-hours are committed for various services which includes hydrocarbon loss study at 4 refineries.

It was informed that for 2014-15, payments for three quarters have been received from all members and only 4th quarter payment remains to be released. Also, CHT so far had received 300 man-hour support from OADB though 600 man-hours provision existed under the contract.

IOCL, HPCL and EIL are of the view that the TSA is useful and provides a window for getting expert support/services/advice for which services may be extended by one more year on same terms whereas others like GAIL felt that SGSI could not address the specific issues faced by them. MRPL informed that presently IRBIP programme is continued by SGSI at their refinery.

Executive Committee agreed that since some members feel that TSA is useful and can be extended, a view can be taken if interested members agree to share 1000 hours between them. EC also suggested that CHT may float a fresh enquiry for performance gap and margin improvement programme, for better appreciation and value addition and revert for approval. EC also advised OADB to provide funds to CHT for TSA.

2.3 Projects under SAC / HCF

Director, CHT presented the status of R&D projects taken up under SAC/HCF with OADB funding. It was informed that MOUs for three new projects have been signed, three more would be signed shortly and MOU for Synthetic Aviation Lubricant- Phase 2

would be modified in view of IOC-R&D declining to collaborate in the project. It was informed that as advised by OIDB, CHT has issued sanction letter for the new projects and signing of MOUs.

It was also informed that only three projects are currently in progress under HCF. IOC-R&D has sought extension up to September 2015 for its demonstration project on use of HCNG in Automotive vehicles and its other project with IIT-BHU on 'Hydrogen production by dissociation of water utilizing Solar energy' will get delayed by at least 12 months based on recent review. CHT informed that the revised re-appropriation of funds presented by ONGC Energy Centre for its project Hydrogen on 'Hydrogen generation by Thermo-chemical process' has been approved by SAC in its 75th meeting held on 13.01.2015 and the project is expected to be completed by June 2015 as scheduled. CHT also highlighted the delays in receiving payments from OIDB for its on-going and completed SAC/HCF projects.

Executive Committee noted the status and progress of R&D projects and also advised OIDB to ensure timely release of payments which remains pending, as these may affect the project completion schedules.

2.4 Manpower requirement at CHT

ED, CHT informed that no placement has been done against the earlier advice given by Secretary, P&NG during the Governing Council meeting, to all oil companies, for providing the manpower support to CHT.

While, IOCL has given only one person against pending manpower (of 3 chemical engineers) agreed during the last GC meeting, GAIL informed that they are releasing a person shortly. IOCL suggested that in the absence of suitable manpower, good retired officers may be considered who will be suitable for CHT. ED, CHT informed that such provision already exists but needs minimum strength who are in service.

Chairman advised IOCL, BPCL, HPCL and EIL for expediting placement of pending manpower to CHT immediately.

3. While deliberating the issue of Innovation Awards, Executive Committee advised CHT to finalize the members of the Awards committee and expedite evaluation of proposals received for Innovation award.
4. ED, CHT thanked members of the Executive Committee for their participation.

List of Participants

Ministry of Petroleum & Natural Gas

1. Shri Sandeep Poundrik, Joint Secretary (Ref) - In Chair

OIDB

2. Shri Ajay Srivastava, FA&CAO

IOCL

3. Shri Sanjiv Singh, Director (R)
4. Shri S. Bose, GM

HPCL

5. Shri B. K. Namdeo, Director (R)

BPCL

6. Shri B. K. Datta, Director (R)

GAIL

7. Shri. R K Kashyap, ED

MRPL

8. Shri M Venkatesh, GGM (I/C Ref)

NRL

9. Shri P. Padmanabhan, MD
10. Shri N. Borthakur, DGM©

CPCL

11. Shri Gautam Roy, MD

EIL

12. Shri Ajay N. Deshpande, Director (Technical)

CHT

13. Shri B D Ghosh
14. Shri Rajan Kapoor, Director
15. Shri A S Pathak, Director
16. Shri S Halder, Additional Director