Government of Pakistan

 Ministry of Water Resources

 Office of the Chief Engineering Adviser/

 Chairman, Federal Flood Commission

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**HUNGARIAN DELEGATION/ TECHNICAL EXPERT GROUP VISIT TO PAKISTAN**

**MAY 16-20, 2022**

**(UNDER HUNGARY- PAKISTAN WATER MANAGEMENT MOU)**

**PROGRAM SCHEDULE (STC\*)**

**Day 1 Monday May 16, 2022**

1. Courtesy Call by the Hungarian Delegation to Secretary, Ministry for Water Resources, Government of Pakistan in his office (**Time:** **09:30 am to 10:00 am**)
2. **Opening Session:** Moderated by O/o CEA/CFFC
* **Venue:** Committee Room, Office of CEA/CFFC, M/o Water Resources, Islamabad
* **Time:** 10:00 am
* **Participants:** Hungarian Delegation,Ministry of Water Resources, IRSA, WAPDA, O/o CEA & CFFC and Members of Pakistan side Joint Expert Group
* **Agenda:**

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| **Sr. No.** | **Agenda Item** | **Timeline (PST)** |
|  | Welcome Remarks: CEA&CFFC/ National Focal Person Pakistan Side | 10:00 – 10:05 am |
|  | Introduction by the Participants both sides | 10:05 – 10:15 am |
|  | Overview of the progress made so far on the implementation of Hungary Pakistan Water Management MoU – By National Focal Person Pakistan side | 10:15 – 10:30 am |
|  | * Presentation on role of Ministry of Water Resources (**MoWR**) of Pakistan – By Representative from M/o Water Resources
 | 10:30 – 10:50 am |
| * Feedback/ Queries by the Hungarian side
 | 10:50 – 11:00 am |
|  | * Presentation on mandate of Indus River System Authority (**IRSA**), and related important projects (if any) – By Representative from IRSA
 | 11:00 – 11:20 am |
| * Feedback & Q/A by the Hungarian side
 | 11:20 – 11:30 am |
|  | * Presentation on mandate of **WAPDA** and related important projects – By Representative/JEG Member from WAPDA
 | 11:30 – 11:50 am |
| * Feedback/ Queries by the Hungarian side
 | 11:50 am–12:00 pm |
|  | Remarks by National Focal Person on MoU (Hungarian side) | 12:30 – 12:45 pm |
|  | Concluding Remarks by National Focal Person on MoU (Pakistan side) |  |
|  | Group Photo | 12:45 – 12:50 pm |
|  | Working Lunch Break | 12:50 – 02:00 pm |

*\** STC - Subject to Change

1. **Exposure Meeting with Focal Person Pakistan Side & Team/ Professionals at Office of the CEA & CFFC, Islamabad:**
* **Time:** 02:00 pm
* **Venue:** Committee Room, O/o CEA/CFFC, M/o Water Resources, Islamabad
* **Participants:** Hungarian Delegation,O/o CEA & CFFC and Pakistan side Members of Joint Expert Group
* **Technical Session:** Moderated by O/o CEA/CFFC
* **Agenda:**

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| **Sr. No.** | **Agenda Item** | **Timeline (PST)** |
|  | * Presentation on National Water Policy (NWP) and its Implementation Status – By Ministry of Water Resources
 | 02:00 – 02:20 pm |
| * Information Exchange/ Queries by the Hungarian side
 | 02:20 – 02:30 pm |
|  | * Presentation on role of office of the CEA & CFFC, especially for Integrated Water Resources and Flood Management in the country with focus on the following;
1. National Flood Protection Plans (NFPP-I, II & III) implemented so far in the country
2. Existing Flood Management Practices in Pakistan
3. 4th Plan (NFPP-IV) – Proposed for implementation
 | 02:30 – 03:15 pm |
| * Discussion & Q/A by the Hungarian side
 | 03:15 – 03:30 pm |
|  | General Discussion/ Information Exchange by the Hungarian Delegation Members | 03:30 – 03:45 pm\* |
|  | Concluding Remarks by National Focal Persons (Both sides)  | 03:45 – 04:00 pm |
|  | Recreational visit to Rawal Dam site/ Pakistan Monument site at Islamabad (**Optional/** at the convenience of the Hungarian Delegation) | 04:00– 05:00 pm |

 \* Tea/Green Tea & refreshment will be served during the session

**Day 2 Tuesday May 17, 2022**

1. **First Physical Meeting of JEG on Hungary Pakistan Water Management MoU:**
* **Time:** 10:00 am- 12.30pm
* **Venue:** Committee Room, Office of CEA/CFFC, M/o Water Resources, Islamabad
* **Participants:** Hungarian Delegation, O/o CEA/CFFC, PCRWR, PMD, PID, Punjab, WASA Lahore and JEG Members (Pakistan side)
* **Moderation:** O/o CEA/CFFC
* **Agenda:**

| **Sr. No.** | **Agenda Item** | **Timeline (PST)** |
| --- | --- | --- |
|  | Opening Remarks/ Introduction of Participants – Both sides (5 minutes each side) | 10:00 – 10:10 am |
|  | Presentations on the outcomes of webinars held so far - Both sides (15 minutes each side)1. National Focal Person (Hungarian side) or his Representative
2. National Focal Person (Pakistan side) or his Representative
 | 10:10 - 10:30 am |
|  | General Discussion * Identification of joint research areas/ development projects; &
* Define priority for approval/ implementation
 | 10:30 – 10: 45 am |
|  | Presentation on Hungarian Tied Aid Credit Facility – By Hungarian side | 10:45 – 11:00 am |
|  | Presentation on following possible project proposals:1. Studies to address Urban Drainage Problem in Twenty (20) Major Cities in Pakistan.
2. Construction of Underground Storm Water Storage Tanks in Lahore.
3. Urban Flood Management in Korang River, downstream Burma Bridge, Islamabad.
4. Profiling of Wastewater and Piloting Wastewater Treatment in Urban Areas

By FFC, PCRWR & WASA Lahore from Pakistan side | 11:00 - 12: 10 pm |
|  | General Discussion/ Way Forward for future implementation of Work Program (2021-23) | 12:10 - 12:20 pm |
|  | Closing Remarks by National Focal Persons (Both sides) | 12:20 - 12:30 pm |

 \* Tea/Green Tea & refreshment will be served during the session

 (Working Lunch Break: 12:30 pm – 01:30 pm)

1. **Visits to Stakeholder Organizations in Islamabad:**

| **Sr. No.** | **Organization/Destination**  | **Timeline (PST)** |
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|  | * Pakistan Meteorological Department (**PMD**), Islamabad – Presentation on and subsequent demonstration of various flood forecasting and early warning systems including the new Islamabad Weather Radar
 | 02:00 – 03:30 pm |
|  | * Pakistan Council for Research in Water Resources (**PCRWR**) – Presentation on the mandate of PCRWR and various water management projects and subsequent demonstration of related interventions/ systems
 | 03:45 – 05:30 pm |

\* Tea & refreshment will be served during the session by concerned organization

**Day 3 Wednesday May 18, 2022**

1. **Field/ Exposure Visits to Khanki Barrage, at Khanki District Gujranwala and IRI, Nandipur, District Gujranwala:**

| **Sr. No.** | **Organization/Destination**  | **Timeline (PST)** |
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| **A.** | **Field visit to Khanki Barrage at Khanki, District Gujranwala**  |
|  | Departure for Khanki Barrage at Khanki, District Gujranwala  | 08:00 am |
|  | Arrival at Khanki Barrage | 11:00 am |
|  | * Visit to Barrage Site and Flood Telemetric Installations and Briefing by the Barrage Management
 | 11:00 am-12:00 pm |
|  | Lunch Break  | 12:00 – 12:30 pm  |
|  | Travel to IRI, Nandipur, District Gujranwala | 12:30 – 02:00 pm  |
| **B.** | **Field visit to Irrigation Research Institute (IRI), Nandipur, District Gujranwala**  |
|  | Presentation on mandate of the Institute and important Physical Model Testing Facilities | 02:00 – 03:00 pm |
|  | Field Visit to Physical Model Testing Facilities at IRI, Nandipur, District Gujranwala  | 03:00 – 04:30 pm  |
|  | Departure from IRI, Nandipur, District Gujranwala to Lahore  | 04:30 – 06:00 pm |
|  | Arrival at Lahore (Night Stay at Lahore)  | 06:00 pm |

\* Tea & refreshment will be served by IRI, Nandipur, Lahore

**Day 4 Thursday May 19, 2022**

1. **Visits to Stakeholder Organizations in Lahore:**

| **Sr. No.** | **Agenda Item**  | **Timeline (PST)** |
| --- | --- | --- |
| **A.** | **Visit to office of the Secretary, Irrigation Department, Government of the Punjab, Lahore**  |
|  | Courtesy Call/ Meeting with Secretary, Irrigation Department, Government of the Punjab, Lahore | 10:00 - 10:15 am |
|  | Presentation on mandate of the Department and related important Projects  | 10:15 - 10:45 am |
|  | Discussion/Q&A | 10:45 – 11:00 am  |
|  | Departure for Flood Forecasting Division (FFD), Lahore  | 11:00– 11:30 am  |
| **B.** | **Visit to Flood Forecasting Division (FFD) at Lahore** |
|  | Welcome Remarks by the Chief Meteorologist, FFD, Lahore  | 11:30 – 11:40 am |
|  | Presentation on pivotal role of FFD, Lahore in the Flood Forecasting & Issuance of Warnings at National Level to concerned quarters and subsequent demonstration of flood forecasting and early warning systems including the Lahore Weather Radar | 11:40am–12:30pm  |
|  | Discussion/Q/A  | 12:30 – 12:45 pm  |
|  | Lunch Break | 12:45 – 01:45 pm  |
| **C.** | **Visit to Centre of Excellence in Water Resources Engineering (CEWRE) at UET, Lahore** |
|  | Visit to Centre of Excellence in Water Resources at UET, Lahore (**Optional**/ at convenience of the Hungarian Delegation)  | 02:30 – 04:00 pm  |
|  | Travel back to Islamabad (Night Stay at Islamabad) | 04:00 - 08:00 pm |

**Day 5 Friday May 20, 2022**

1. **Visit to NUST, Islamabad and Wrap up Meeting**

| **Sr. No.** | **Agenda Item**  | **Timeline (PST)** |
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| **A.** | **Visit to** **National University of Science and Technology (NUST), Islamabad**  |
|  | Departure for NUST  | 09:00 am |
|  | Arrival at NUST  | 09:30 am |
|  | Introduction Session  | 09:30 - 09:45 am |
|  | Welcome Remarks by Principal, NUST Institute of Civil Engineering (NICE)  | 09:45– 10:00 am  |
|  | Presentation on ongoing Research and Development activities of the Department in the field of Water Resources  | 10:00 – 11:00 am  |
|  | Presentation/ Discussion on future collaboration with Hungarian side  | 11:00 – 11:20 am |
|  | Visit to allied Departments/ Research Labs etc.  | 11:20am–12:00pm  |
|  | Lunch & Prayer Break  | 12:00 – 01:15 pm |
|  | Departure for O/o CEA & CFFC from NUST Islamabad | 01:15 – 01:45 pm  |
| **B.** | **Wrap up Meeting (s) of Hungarian Delegation with M/o of Water Resources, O/o CEA/CFFC, Pakistan (02:00 pm to 3:15)** * **Venue:** Committee Room, Office of CEA/CFFC, M/o WR, Islamabad
* **Participants:** Hungarian Delegation, O/o CEA/CFFC, Pakistan Side JEG Members, M/o Water Resources, M/o Foreign Affairs, M/o Economic Affairs, PCRWR and IWMI
* **Moderation:** O/o CEA/CFFC/MoWR/IWMI Pakistan

**Agenda:-** |
|  | Remarks by the CEA & CFFC | 02:00 pm |
|  | Debriefing Sessions – 15 minutes each side  | 02:10 – 02:40 pm  |
|  | Way Forward for successful Implementation of remaining part of Work Program (2021-2023) – Both sides | 02:40 – 03:00 pm |
|  | Remarks by the Secretary, MoWR for Water Resources, Government of Pakistan  | 03:00 - 03:10 pm |
|  | Vote of thanks by the Hungarian side  | 03:10 - 03:15 pm  |
|  | Presentation of Souvenirs and Light Refreshment | 03:15- 03:40 pm |
|  | Group Photo at the Reception and Guests departure  | 03:45 pm |

**Departure of the Hungarian Delegation**

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